The
CHEMIST AND DRUGGIST
RETAILER - WHOLESALER - MANUFACTURER

NOVEMBER 6, 1948

BE READY FOR WINTER SALES

ORDER NOW!

Allenburys
CHILBLAIN STICK
ALLAYS THE IRRITATION

FOR BROKEN OR UNBROKEN CHILBLAINS

BY ALLEN & HANBURYS LTD · LONDON · E 2

an Allenburys PRODUCT

RETAIL PRICE 1/9d Including Tax

ALLEN & HANBURYS LTD • LONDON • E 2
PHONE: BISHOPSGATE 3201 (17 LINES). WIRES: GREENBURYS, BETH, LONDON.

Index to Advertisers pp. 5 & 6

an antibiotic and nasal decongestant

GLUCO-THRICIL

This stable combination of ephedrine and the antibiotic, tyrothricin, in an isotonic dextrose solution, has been made possible by the use of a solubilizing and stabilizing agent.

'Gluco-Thricil' is indicated for the relief of nasal congestion accompanying the "common cold," catarrhal rhinitis and other infections of the upper respiratory tract. The product admirably meets modern requirements for rational and conservative intranasal medication; it produces a prompt and efficient shrinking of engorged tissues. Tyrothricin confers on it a high bactericidal activity associated with low tissue toxicity.

'Gluco-Thricil' is miscible with nasal secretions and compatible with ciliary action. Low surface tension gives it a high penetrating power.

Supplied in 1-oz. bottles, each with a dropper. M.R.P. 4/- (exempt P.T.)

PARKE, DAVIS & COMPANY

HOUNSLOW, MIDDLESEX

Inc. U.S.A., Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's line

PLEASE NOTE
22/- Pack
(one bottle free)
AGAIN AVAILABLE
see prices below

16D. PROFIT ON EVERY SALE!

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. A showcard or a few 'Elasto' cartons displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for all circulatory disorders including Varicose Veins, Bad Leg, Skin Troubles, Rheumatism and poor General Health. A tablet Remedy, easy to handle and reliable.

Recommend 'Elasto'—and a satisfied customer will recommend You!

RETAIL (Including Tax)	P.A.T.A.	*WHOLESALE (Including Tax)*
5/6 per bottle (one month's supply)		48/- per dozen
22/- five bottles (Including one free)		192/- per dozen

The NEW ERA TREATMENT CO., LTD.
CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

Important Announcement

P.A.T.A. BONUS SCHEME

As from November 1st. 1948 the following Bonus Scheme will be in operation.

GROUP 1 will contain Potter's Asthma Remedy, Potter's Asthma Cigarettes, Potter's Asthma Smoking Mixture and Potter's Catarrh Pastilles.

GROUP 2 will contain Thompson's Dandelion Coffee ½-lb., Thompson's Dandelion Coffee 1-lb., and Thompson's Dandelion Coffee Essence.

GROUP 3 will contain Thompson's Slippery Elm Food 1-lb., Thompson's Slippery Elm Food 2 lbs., Thompson's Slippery Elm Food Wholemeal, Neolific Food ½-lb., and Neolific Food 1-lb.

GROUP 4 will contain Kasbah Kidney Remedy, Sciargo Herbs, Bush Tea, Composition Essence, Carter's Vegetable Cough Remover, small size, and Carter's Vegetable Cough Remover, large size.

On orders valued £10-0-0 or over on any items within any one group we will allow 5% discount. On orders valued £15-0-0 or over on any items within any one group we will allow 7½% discount. Values are exclusive of Purchase Tax.

Once the basic group of the value required has been ordered, other items in any other group may be included. For instance, a customer may order some or all the various items as shown in Group 1 to the value of £10-0-0 and he can at the same time order ½ dozen Slippery Elm Food 1-lb. size and ½ dozen Kasbah Kidney Remedy, for which he would also receive the discount. In effect, therefore, once the basic group of the value required has been ordered, items in other groups may be added to the same order in no matter how small quantities and the appropriate discount will be given on the whole.

POTTER & CLARKE LTD

60-64 Artillery Lane, LONDON, E.1

Telephone : BIShopsgate 4761

and 77 Dantzic Street, MANCHESTER 4

Telephone : BLAckfriars 8734

THE MOST FAMOUS THROAT PASTILLES IN THE WORLD

More Supplies available!

EVANS THROAT PASTILLES—

first for soothing—are in better supply. Order your requirements now and be ready to meet the demand.

RETAIL PRICE 1/6 per tin (including P.T.)
WHOLESALE PRICE 11/- per dozen (plus 33⅓% P.T.)

SPECIAL OFFER During November and December 1948 the following will be supplied *FREE* with each order for 6 dozen tins:—**3 dozen sample packets for free distribution to your customers. A new window display card. A new counter display outer.**

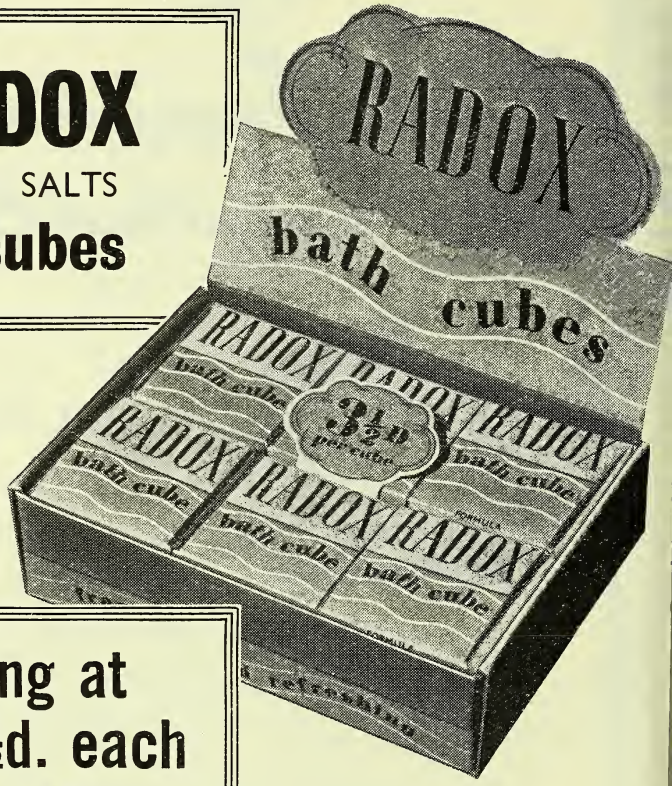
EVANS
Antiseptic Throat Pastilles

EVANS MEDICAL SUPPLIES LTD., LIVERPOOL AND LONDON

215a-14/K8

NEW!

RADOX
BATH SALTS
in cubes



selling at only 3½d. each from this smart sell-out, or at 1/9 a box of six units!

FOR YEARS, public demand for Radox has greatly exceeded supply. Now, you can take big profits from counter sales of Radox in this convenient new form at a specially attractive price. Radox, in the familiar pink packet, is becoming more plentiful, too!

E. GRIFFITHS HUGHES LTD., MANCHESTER, 3

INDEX TO ADVERTISERS

Allen & Hanburys, Ltd. Front Cover
Aspro, Ltd. 12
Atkinsons 40
Ayrton, Saunders & Co., Ltd 15

Bailey, R., & Son, Ltd. xxxvi
Barnes, M. H. .....Col. Supp.
"Belfast Telegraph" ix
Billig, J., & Sons, Ltd. xvi
Bio-Colloids, Ltd. xviii
Boxfoldia, Ltd. 34
Bristow, T. F., & Co., Ltd. 9
British Cod Liver Oils (Hull & Grimsby), Ltd. xxix
British Dyewood Co., Ltd. ... ii
Brobat Manufacturing Co., Ltd. xiii
Brontan, Ltd. xxxiv
Burgoyne Burbidges & Co., Ltd. i
Burrough, James, Ltd. Leader Page
Burroughs Wellcome & Co. ... 41
Busby, Winter & Co., Ltd. iv
Bush, Beach & Gent, Ltd. ... vi

Calfos, Ltd. xxx
Carnegie Bros., Ltd. xxvi
Carnegie Chemicals (Welwyn), Ltd. 22
Carter, H. W., & Co., Ltd. xxxiii
Carus, A., & Sons, Ltd. ix
Ciba Laboratories, Ltd. 42
Citrus Products 30
Coates & Cooper, Ltd. ii
Constable & Co. xiv
Continental Laboratories, Ltd. 30
Cow, P. B., & Co., Ltd. ... xi
Cox, Arthur H., & Co., Ltd. Cover iv
Croda, Ltd. 28
Cussons, Sons & Co., Ltd. Cover iii
Cuticura Preparations xxxvii

Daniel, Richard, & Son, Ltd. 13
Davis, Richard, Ltd. xxviii
Dearborn (1923), Ltd. xxviii
Dettol 14
Dring, J., Ltd xxx
Dublin Chemical Co., Ltd. ... 5
Duncan, Flockhart & Co. ... v
Dunlop Rubber Co., Ltd. ... v

Edme, Ltd. xxxviii
Edosan, Ltd. xviii
English Grains Co., Ltd. ... 24
Evans, Adlard & Co., Ltd. ... vii
Evans Medical Supplies, Ltd. 3

Fassett & Johnson, Ltd. 35
Faylene Manufacturing Co. xxviii
Fennings, A. 36
Frankenberg, L., Ltd. 38
Freudentheil, Smith & Co. Leader Page

Gardiner & Co. (The Scotch House), Ltd. vi
Gardner, W., & Sons (Glos), Ltd. xii
Gillette Industries, Ltd. xxv
Gould, N. & M., Ltd. xxxii
Graesser Salicylates, Ltd. vi
Griffiths Hughes, E., Ltd. ... 4
Gynoclinical Laboratories, Ltd. xxvi

Hall, Forster & Co., Ltd. ...xxxiv
Hampshire, F. W., & Co., Ltd. 8
Harley, T., Ltd. xii
Harwoods Laboratories, Ltd. xl
Heath & Heather, Ltd. xviii
Hersom, A. G. vii
Herts Pharmaceuticals, Ltd. xxxvi
Hirst, Stuart, Ltd. ...Leader Page
Hobson, Trimble & Co., Ltd. x

Ilex Supply Co., Ltd. xxxii
Industrial Tapes, Ltd. xi
Institute of Chemists-Opticians Col. Supp.
Ioco, Ltd. vi

Janssen's Herbal Tablets, Dr. 37
Jeffreys, Miller & Co., Ltd. 31
Jenner Institute for Calf Lymph, Ltd. xxx
Jeyes' Laboratories, Ltd. xiv
Johns, Son & Watts, Ltd. Leader Page
Johnson & Johnson (G.B.), Ltd. xxxviii

(*continued overleaf*)

REGULAR, UNRESTRICTED SUPPLIES TO ALL PARTS OF THE BRITISH ISLES, U.S.A. and EMPIRE

Despatch within 24 hours

"DUCOL" Brand GLYCERYL MONOSTEARATE

Natural or Self-emulsifying
Snow White. Food Quality

POWDER and BLOCK

Depots and warehouses all over British Isles

Samples and quotations on request

EDIBLE OILS (Teaseed, Olive, Almond). Ordinary and Self-emulsifying

"DUCOL" ICECREAM STABILISER

"DUCOL" ICECREAM EMULSIFYING POWDER

"DUCOL" BAKERS' SWEETENED COOKING FAT

"DUCOL" VANILLIN

"DUCOL" LACTOSE, Food Quality and B.P.

Full details supplied on request

DUBLIN CHEMICAL CO. LIMITED

39-41 DAME STREET, DUBLIN

INDEX (cont.)

Karswood Cat Powders xiii
Kearsley, C. & G., Ltd. x
Kellys, J., (London), Ltd. ... ix
Kemball, Bishop & Co., Ltd. 20
Kemt 16
Knox, John (Stoke-on-Trent), Ltd. 36
Koray, Ltd. xix

Lantigen, Ltd. xxxvi
Lastonet Products viii
Leda Chemicals, Ltd. xviii
London Commercial Electric Stores xii

Marsh Brooks, Ltd. xviii
Matthews, S., & Co., Ltd. ... 26
May & Baker, Ltd. 21
Menley & James, Ltd. 10
Midgley & Parkinson, Ltd. Leader Page
Midland Bank, Ltd. iv

Napp, H. R., Ltd. xxi
National Association of Opticians .....Leader Page
National Savings xiii
New Era Treatment Co., Ltd. 1
Northern Centre x

Organon Laboratories, Ltd. 29
Orridge & Co. .....Col. Supp.
Oxo, Ltd. xxvii

Palestine Potash, Ltd. Leader Page
Parke, Davis & Co. .....Cover ii
Pears, A. & F., Ltd. 38
Peat Products (Sphagnol), Ltd. xxvi
Percenta, Ltd. iv
Pharmaceutical Laboratories, Geigy, Ltd. vii
Picker, Myram, Ltd. 39
Pomade of Peru Co. xxiii
Potter & Clarke, Ltd. 2, 19
Pridaux Milk Foods, Ltd. 17, 18
Prince Regent Tar Co., Ltd. 6

Rankin Bros. & Sons Leader Page
Reliance Building Co. 28
Reliance Rubber Co., Ltd. ... viii
Rendell, W. J., Ltd. xxiv
Rentokil, Ltd. xv
Reuter, R. J., Co., Ltd. ... 36
Revai & Co., Ltd. iv
Riddell Products, Ltd. xxxiv
Rimmel 32, 33
Roche Products, Ltd. 25
Ronaldson, J., & Co., Ltd. ... iv

S.P. Charges Co. 28
St. Andrew Mills, Ltd. xxxv
Scott & Turner, Ltd. 28
Scram Products, Ltd. xvii
Scruton, Oscar, & Co., Ltd. 24
Sellotape xv
Singer, Ernest M. viii
Smith, J. M., & Co. (London), Ltd. xxviii
Smith, T. & H., Ltd. iii

Sorelle, Jean, Ltd. .....
Southon Laboratories, Ltd. ...
Splendor, Ltd. xx
Spratts Patents, Ltd. x
Stower & Oakley, Ltd. .....
Sturge, John & E., Ltd. xx
Swandown Cosmetics .....

Tampax, Ltd. .....
Teasdale & Co., Ltd. xx
Thornton & Ross, Ltd. .....
Town Talk Polish Co. x
Tye, John, & Son, Ltd. xx

United Chemists Association Ltd. .....

Vitamins, Ltd. .....

Waide, Thos., & Sons, Ltd.
Wander, A., Ltd. .....
Ward, Blenkinsop & Co., Ltd.
Wesley, Harold, Ltd. .....
Westbrook Lanoline Co. .....
Westminster Laboratories, Ltd.
Whiffen & Sons, Ltd. .....
Whitakers (Kendal), Ltd. ...
Wilcox, Jozeau & Co., Ltd. Leader P
Wilson & Mansfield, Ltd. .....
Wirebands, Ltd. .....
Wyeth, John, & Brother, Ltd.
Wylies Cleansers, Ltd. x

Zems, Ltd. x

annual tenders for

Disinfectants

Reliability of quality and delivery are essential for Local Government requirements.

As the largest suppliers and specialists in this type of business we offer an unrivalled service for *direct despatch under your own name.*

PRINCE REGENT TAR COMPANY LTD.

(Managers: BURT, BOULTON & HAYWOOD LTD)

BRETTENHAM HOUSE, LANCASTER PLACE, LONDON, W.C.2

Telephone: Temple Bar 5801 (8 lines) Telegrams: "Burboul, Rand, London"

Ucal

IT IMPLIES THE GUARANTEE OF THE MANUFACTURERS

Ucal is not a coined name, branding the particular product of a particular manufacturer.

It is the initial letters of the United Chemists Association Limited, a company of unquestioned integrity, manufacturing products acknowledged to be of the highest standards.

UCAL was founded to assist the private Pharmacist to meet the competition of Combines heavily financed by public subscription.

UCAL products can only be purchased from the private Pharmacist and are not sold by Combines or Co-operative Societies.

It is a misfortune that the trading name, United Chemists Association Limited, is so long, but it is good fortune that the initials make the short and pleasant word 'UCAL'; a word that, through the practical experience of years, has come to be accepted as a guarantee of both the products themselves and the pharmacists who sell them.

UNITED CHEMISTS ASSOCIATION LIMITED CHELTENHAM

In the national press and magazines . . . and in your local paper, too

Big new advertising campaign for Zubes Cough Mixture

THROUGHOUT the autumn and winter, arresting and persuasive advertisements for Zubes Cough Mixture, like the one reproduced here, will be appearing throughout the national press, in national and women's magazines, in the provincial press—including *your* local newspapers—and also on slides in cinemas throughout the country.

Zubes Cough Mixture has always been a reliable quick-seller and profit-maker, and this powerful new advertising is bound to speed up sales still further. As usual, our representative will be calling on you shortly, and will be pleased to take your order for despatch as quickly as possible.

F. W. HAMPSHIRE & CO. LTD., *Sunnydale, Derby*

A *NEW* SHAMPOO!

—with a *news* story . .

LANOLIN★

Lanolin is incorporated in this new Shampoo Cream by BRISTOW'S . . .

Advertising will stress the beneficial effects of this Lanolin ingredient . . .

New tube-pack outmodes bottles and messy mixing, makes it a "handbag purchase"!

Obedience and manageability are the satisfying results of the Lanolin ingredient . . .

Lather is plentiful, but won't run into eyes . . . makes it ideal for babies, children!

Identified with the BRISTOW'S name for Quality, it conditions as it cleanses!

Now is the time to order . . . generous profits on turnover available to direct buyers!

★ Bristow'S

LANOLIN

SHAMPOO CREAM

Made by the makers of Bristow's Gentle Baby Soap and Powder.
Retail Price 1/9d. per Tube. Tubes packed in colourful display boxes.

T. F. BRISTOW & CO. LTD., GREAT WEST ROAD, BRENTFORD, MIDDLESEX

THERE'LL BE FEWER COLDS THIS WINTER . . .

. . . . if more of your customers use 'Benzedrine' Inhaler. Its timely application will often cut short a cold entirely but even in the acute stages it affords welcome relief by keeping the nasal passages free from congestion.

For fifteen years doctors have prescribed 'Benzedrine' Inhaler for relieving congestion in head colds, nasal catarrh, sinusitis, etc. Its popularity is an indication of its efficacy.

Retail Price 2/6
including Purchase Tax.
Trade Price
18/- per dozen
plus 6/- Purchase Tax.

'BENZEDRINE' INHALER

MENLEY & JAMES LIMITED
123 Coldharbour Lane, London, S.E.5
For Smith, Kline & French Int. Co.

BIT

A Westbrook PRODUCT

Your attention is invited
to the outstanding qualities of
"TWELVE"
LUXURY LANOLIN
and
"HANDMAID"
BARRIER CREAM

Samples and prices will gladly be sent on application to the
WESTBROOK LANOLIN Co.

WESTBROOK LANOLIN Co.
(Subsidiary of Woolcombers Ltd.)
BRADFORD.

Iodine

resublimed

MANUFACTURED

BY

WHIFFENS

WHIFFEN & SONS LTD

FULHAM · LONDON · S.W.6

Telephone : RENOWN 3416

A GRAND DISPLAY

-AND A GRAND SELLER!

Have you seen it?

The new 'ASPRO' display is a credit to any window. It is attractive—and effective. It makes the passer-by stop, and look—and it turns passers-by into customers at a record rate. Window space devoted to 'ASPRO' is space that REALLY pays because national advertising and proved service have made 'ASPRO' a product which MOST PEOPLE WANT. Nine times out of ten, people already have it in their minds to buy 'ASPRO', and a display turns the thought into a purchase—in your shop. Your customers multiply—sales in your other lines increase. You are, in fact, tapping a great reservoir of public demand, for

PUT THE DISPLAY IN YOUR WINDOW AS SOON AS YOU GET IT

'ASPRO' HAS THE LARGEST SALE OF ANY MEDICINE OF ITS KIND IN THE WORLD

The above display is now available. If you have not already received one, cut out and send this coupon—the display will be posted back by return.

Please send me the new 'ASPRO' display

Name .....

Address .....

.....

ASPRO R.G.C. TRADE MARK

Made in England by
ASPRO LTD., TRADING ESTATE,
Slough, Bucks

Richard Daniel & Son LTD

PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Head Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

Meeting two modern needs

The bottle position has improved for SANIDENT and ZOFLORA sizes and we are now able to supply in greater quantities.

LAST THING EVERY NIGHT

SANIDENT

Denture Cleaner

Twenty years of regular use have proved its efficiency and safety.

Retail 1/4½

Zoflora

Perfumed

DISINFECTANT

is an efficient germicide, fragrant with strongly antiseptic floral oils and synthetics, and is especially suitable for the spraying of rooms, to dispel tobacco, cooking or unwanted odours. It is of particular value in the sickroom, where it purifies the atmosphere and refreshes nurses and patients alike.

PURIFIES THE AIR

Retail Price 2/-
Complete Spraying Outfit 10/6.

Usual Trade Discounts.

TR140

THORNTON & ROSS LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

Antisepsis

The Time Factor

In estimating the true nature of a antiseptic, Time is a dimension. A antiseptic may be entirely efficien in that, over a given area, it destroy all pathogenic organisms. But ther remains to be considered the ris of fresh contamination.

The protection given by 'Dettol' prolonged. Unless washed off c grossly contaminated, 30% 'Dettol painted on the unbroken skin an allowed to dry will remain bacteri cidal against *streptococcus pyogene* for at least two hours.*

** This experimental finding (J. Obste Gynaec. Brit. Emp. Vol. 40 No. 6 has been confirmed in obstetric practi extending well over a decade.*

'DETTOL'

THE MODERN ANTISEPTI

RECKITT & COLMAN LTD., HULL AND LONDO
(PHARMACEUTICAL DEPARTMENT, HULL

Protection against colds?

" . . . . . ESOBACTULIN is one of the most successful lines I've handled. The course consisting of six capsules taken over five days gives most people three months' immunity from colds.

Customers come in for a course at this time of the year and again in 3 months' time just when their resistance is lowest and colds are most prevalent."

8/3 per course inc. P. Tax 33⅓% Trade discount

Supplied through YOUR Wholesaler

Bonus Offer—*13 to the dozen on orders of 1 dozen and over.*

A product of

SOUTHON LABORATORIES LIMITED
UPPER RICHMOND ROAD, LONDON, S.W.15

ESOBACTULIN

protection against colds

AYRTONS FOR PENICILLIN

PENICILLIN CREAM

No. 1 MAKING SET (The Original) ANHYDROUS
Per Set (to make 6 pots) ... **6/-** *Penicillin (100,000 units)* ... **-/11**

No. 2 MAKING SET. HYDROUS
Per set (to make 4 pots) **8/-**

No. 3 DAILY POSTAL SERVICE. Penicillin Cream B.P. freshly made and posted immediately. *Per ounce, post paid* **2/-**

PENICILLIN SOLUTION TABLETS.
Each tablet 12,500 units — *Tubes of 8* ... 1/9 *Bottles of 80* ... **14/-**
" " 10,000 " — " *10* ... 1/9 " *100* ... **14/-**

CHLOROCRESOL SOLUTION 0·05% for the preparation of Aurist, Guttae and Narist PENICILLIN. *Each*—4 oz. ... **2/-**. 10 oz. ... **3/-**. 20 oz. ... **4/-**

PENICILLIN OINTMENT B.P.
1 oz. tubes or jars ... *per doz.* **16/-** *2 oz. jars* ... *per doz.* **30/-**

PENICILLIN EYE OINTMENT. *1 drachm tubes* ... ... *per doz.* **10/-**

PENICILLIN EAR CONES. 10,000 units per cone, 12 in box *per doz. boxes* **27/-**

PENICILLIN LOZENGES B.P. *20's* ... ... *per doz.* **9/-**

PENICILLIN SNUFF "AYRTON" contains 10,000 units, Calcium Salt per gramme in a mentholised base. In press-cap snuff tins of *70 grains per doz.* **20/-**

PENICILLIN WITH STERILIZED POWDER SULPHATHIAZOLE.
5,000 units Calcium Salt per gramme.
Each — ¼ oz. ... 2/3 ½ oz. ... **4/-** 1 oz. ... **7/-**

AYRTON SAUNDERS & CO. LTD. LIVERPOOL

New, quicker, bigger SALES *are coming*

A new Kemt advertising campaign has started. Forceful, intriguing, curiosity-provoking, these new advertisements are making women in their millions say 'I must see this . . .' *See that they do!* Take your cue and cash in NOW with a quick display on your counter or in your window. The displays are ready for you . . . write for them NOW!

for

Kemt

MAGIC MIST

★

Order from your usual wholesaler or for best terms on larger quantities from :—
Scott and Bowne Limited, *Distributors of Silvikrin products*, Winchester House, Old Broad Street, EC2
For display material please write to :—Silvikrin Laboratories, 145 Sydney Road, London, N10

THIS is what many Chemists tell us, endorsing 'a Quality Food in a most attractive tin.'

Regular supplies of DORSELLA are now available, and your orders will receive prompt attention. Attractive showcards, pamphlets, and weight-record cards are available on request. Order a good supply now direct from

PRIDEAUX MILK FOODS LTD.
DORSELLA HOUSE, EVERCREECH, SOMERSET

Retail price

3/6

per 16 oz. tin.

The Finest Food for Infants

DORSELLA
MILK FOOD

In Retrospect

★ DORSELLA Milk Food was first introduced to the public over 25 years ago by Prideaux. ★ Being associated with the original experiments in drying milk, Prideaux were pioneers in the great industry which has developed. ★ DORSELLA is prepared from English milk – from the famous dairying districts of Somerset, Dorset and Wiltshire – hence the name DORSELLA. ★ During the past 25 years DORSELLA has gained its reputation as 'the finest Infant Food' entirely on its own merits. ★ DORSELLA has been regularly awarded the Gold Medal and Certificate of the Institute of Hygiene for purity and quality.

MOTHERS HAVE PRAISED **DORSELLA** FOR 25 YEARS

1923—October 30th (Southampton). Our baby Joan aged 7 months has made remarkable progress on DORSELLA since she was 2 weeks old. I shall at all times have great pleasure in recommending your milk to the many mothers and babies with whom I come in contact.

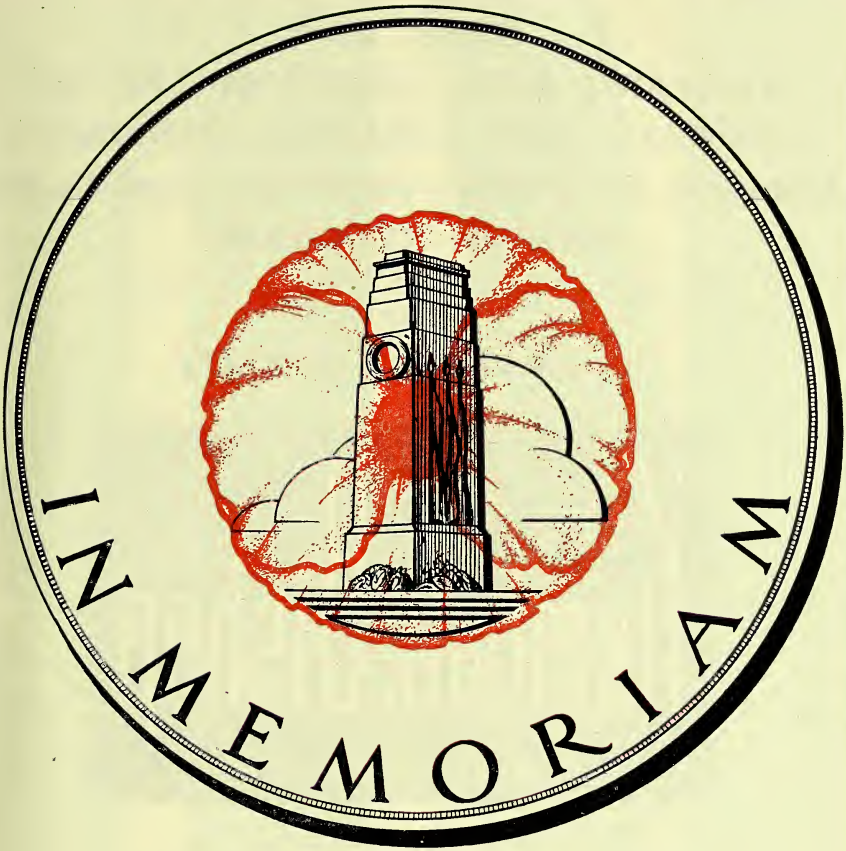
(Signed) B.A.B.

1948—January 18th (Hornsey N.8). My baby has made wonderful progress on your DORSELLA. At birth he weighed 5 lb. 4 ozs. and I could not feed him myself – I thought I could not rear him. I was recommended by my chemist to try DORSELLA since when he has made rapid strides and at six months he weighs 13 lb. 8 ozs. (Signed) I.M.M.

[Originals of the ever increasing number of unsolicited testimonials from grateful mothers can be seen at the offices of the Company]

PRIDEAUX MILK FOODS LTD

Evercreech . Somerset



That heroes of two wars
may health and comfort regain:
That our sons (and our daughters)
may never have to fight again:

Give freely on Poppy Day

This space is donated by Potter & Clarke Limited

CITRIC ACID

TARTARIC ACID · CREAM OF TARTAR

ROCHELLE SALTS · CALCIUM GLUCONATE

LITHIUM CHLORIDE · LITHIUM CARBONATE

LITHIUM HYDROXIDE

OF

GUARANTEED QUALITY

Kemball, Bishop

and Company Limited

ESTABLISHED 1870

MANUFACTURING CHEMISTS

Products under Development and Research

FUMARIC ACID · ITACONIC ACID

KOJIC ACID

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3, ENG

Telephone: ADVANCE 1234 (6 lines) Telegrams: KEMBALL, LONDON, ENG.

CODES ABC 6th, Bentleys Private

48083

and now–

trade mark **'ANTHISAN'** brand

MEPYRAMINE MALEATE ELIXIR

' Anthisan ', the most active and least toxic of antihistaminic agents, is now available in the form of a pleasantly flavoured syrup of attractive appearance.

' Anthisan ' Elixir has been introduced in order that very young children and those older patients who find difficulty in swallowing tablets may experience the marked symptomatic relief afforded by this outstanding product.

Announcements in the medical press will introduce ' Anthisan ' Elixir to the profession.

Supplies:

' Anthisan ' Elixir

4 fl. oz. bottles @ 2s. 9d.

' Anthisan ' Cream
1 oz. tubes . . . @ 3s. 6d.
1 lb. jars . . . @ 36d. 0d.

' Anthisan ' Tablets
Containers of:
25 x 0.05 Gm. @ 2s. 9d.
500 x 0.05 Gm. @ 45s. 0d.
25 x 0.10 Gm. @ 4s. 0d.
100 x 0.10 Gm. @ 14s. 6d.
500 x 0.10 Gm. @ 60s. 0d.

manufactured by

MAY & BAKER LTD

distributors

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD. DAGENHAM

THEOBROMINE and SALTS

Manufactured at the

GARDEN CITY FACTORY OF

CARNEGIE CHEMICALS (WELWYN) LTD.

ASSOCIATED WITH CARNEGIE QUININE WORKS LTD.

WELWYN GARDEN CITY

HERTFORDSHIRE, ENGLAND

TELEGRAMS:
CARNECHEM,
WELWYN GARDEN

TELEPHONE:
WELWYN GARDEN
506 (4 LINES)

Please note the above is the ONLY address of our Offices, Works and Laboratories

A Delicious, Concentrated Vitamin Food

'VIMALTOL' presents special advantages to the physician requiring a product which incorporates important vitamins in a form entirely pleasant and acceptable to every patient.

'Vimaltol' is made from specially prepared malt extract of high protein content, yeast—one of the richest sources of vitamin B, and Halibut Liver Oil—an important source of vitamins A and D. It is also fortified with additional vitamins and mineral salts, and is deliciously flavoured with orange juice.

'Vimaltol' is thus an important aid in the treatment of the many abnormal conditions resulting from the deficiency of one or more of the essential vitamins in the average every day dietary.

The routine use of 'Vimaltol' helps normal development of the growing organism and the maintenance of correct metabolism, while raising the general resistance against infection.

'Vimaltol' has thus a very wide application in general practice for children and adults of all ages. It can be prescribed with advantage of all seasons.

On the P.A.T.A.

Wholesale Prices:
1 lb. jars **27/-**; 2 lb. jars **49/6.**
(*Exempt from Purchase Tax.*)
Retail Prices: 1 lb. jars **3/-**; 2 lb. jars **5/6**

A. WANDER LTD.
Manufacturing Chemists
2 Upper Grosvenor Street, Grosvenor Square, London, W.1.
43

THE *Modern* ANTACID..

Magtriz Tablets are an effectiv combination of Magnesium Trisili cate and Magnesium Hydroxide and provide prompt relief an prolonged control in all cases c Hyperchlorhydria as recommende by the Medical Profession.

MAGTRIZ

DIGESTIVE TABLETS

2 sizes, 7½d. and 1/6d.
Trade 4/- and 10/- per doz. plus P.T.
Both sizes packed in attractive outers.
Small size 2 dozen. Large size 1 dozen.

WESTMINSTER LABORATORIES LTD., Chalcot Road, London, N.W.1 Tel.: PRImrose 3395/6/7

Selling the truth

THE Medical profession is giving yeast its true status as an essential source of Vitamin B and proteins—as a *food* and not a mere pick-me-up. Yestamin advertising helps to spread this truth and the nation-wide sales of Yestamin show that daily yeast is recognised as an important contribution to the health value of a restricted national diet.

In Bottles	*to retail at*	*Trade Prices*
100 TABLETS	1/6	12/3 PER DOZ.
300 TABLETS	4/-	33/- PER DOZ.

Less 5% Cash in 14 days

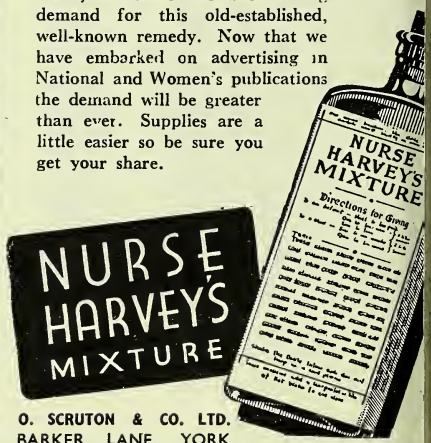
Vitamin B.1 ..... 2.10 *mgms. per oz.*
Riboflavin (B.2) ..... 1.45 *mgms. per oz.*
Niacin ..... 9.50 *mgms. per oz.*

Yestamin DAILY YEAST

THE ENGLISH GRAINS CO. LTD. BURTON-ON-TRENT

NOW NATIONALL ADVERTISED

For years there has been a big demand for this old-established, well-known remedy. Now that we have embarked on advertising in National and Women's publications the demand will be greater than ever. Supplies are a little easier so be sure you get your share.



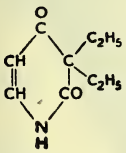
O. SCRUTON & CO. LTD.
BARKER LANE, YORK

ROCHE

A NEW SEDATIVE and MILD HYPNOTIC

'Persedon' TRADE MARK BRAND

3:3-diethyl-2:4-diketotetrahydropyridine



Constitution of 'Persedon'

A new and unique sedative for use during the day, at bedtime, and also during the night.

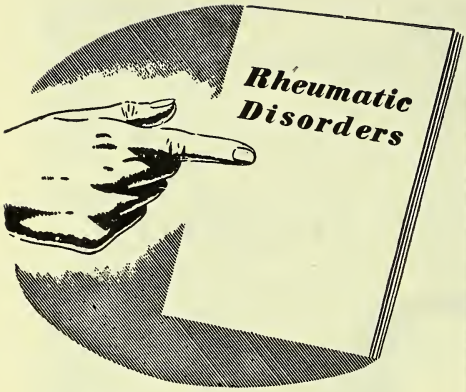
Roche present in 'Persedon' an entirely new type of sedative-hypnotic. 'Persedon' has the advantages of a wide safety margin and of almost total freedom from side-effects. It has a rapid but not unduly prolonged action and can be used as a daytime sedative and as a hypnotic at bedtime or during the night.

Tablets in packings of 10, 100 and 500 at the following prices:—2/6, 18/- and 81/-. Purchase Tax extra, 7d., 4/- and 18/-.

Further information on request.

ROCHE PRODUCTS LTD., WELWYN GARDEN CITY, HERTS

Scottish Dept.: 665 Great Western Road, Glasgow, W.2



NEW BOOKLET FOR RHEUMATIC SUFFERERS

This is an authoritative treatise on Rheumatic complaints written in language that the layman can easily understand. Copies are now being included in both the 5/6d. and 26/5d. size Curicones Cartons, and supplies are also available to chemists FREE on request.

Mention is being made of this booklet in our National Advertising and readers are invited to ask their chemist for a copy. Make sure you have a supply of these booklets on hand.

If you require one of these Curicones booklets at short notice to comply with a request from a customer, please take one from a CURICONES CARTON.

P.A.T.A.

CURICONES

STEPHEN MATTHEWS & CO. LTD.
19/21, Farringdon Street, E.C.4

A NEW TALC

with the accent on fineness

IN Jean Sorelle Talc Poudre de Luxe yo have a powder of incredible fineness, mad from really superior ingredients and delicatel perfumed.

Packed in a most attractive cream, black and gold container Jean Sorelle de Luxe Talc Powder has a splendid future as a toilet preparation that will sell on appearance and utility.

Enquiries invited

Made by:
JEAN SORELLE LTD
22 TURLE ROAD, LONDON, N.4

«WB»

ADAPRIN

TABLETS

for the prevention and treatment of

CHILBLAINS

A new and recently introduced «WB» product formulated to meet a widespread need, ADAPRIN tablets contain the Vitamin K analogue (Acetomenaphthone) and Vitamin PP (Nicotinamide) in proportions suitable for the effective treatment and prevention of Chilblains.

Each ADAPRIN tablet contains ACETOMENAPHTHONE B.P. 10mgm. and NICOTINAMIDE B.P. 50mgm. Three to four tablets daily provide relief in most cases within a short period.

Available in Containers of 100 tablets only, 9/- each retail.
(Subject to usual discounts)

Detailed information available on request.

WARD, BLENKINSOP & CO. LTD.
6 HENRIETTA PLACE, LONDON, W.1
TELEPHONE : LANGHAM 3185 TELEGRAMS : DUOCHEM, WESDO, LONDON

She'll bring new business

She'll appeal to every parent. She—and others like her—are now appearing in a big Press campaign to remind grown-ups that children need Scott & Turner's Rose Hip Syrup, rich in Vitamin C. Display this fine syrup. It will remind your customers of the story they have read in the Press. You'll make many sales—quick profits—and lots of satisfied customers.

SCOTT & TURNER'S *Rose Hip Syrup*

Sold through Chemists only

POLAWAX

A NEW OIL-IN-WATER EMULSIFYING WAX

A stearyl alcohol of enhanced polar properties containing no anionic auxiliary emulsifier of the soap or sulphonated/sulphated fatty alcohol type. Stable to high temperatures itself, its emulsions do not alter in pH value on autoclaving.

CRODA LIMITED
CRODA HOUSE, SNAITH, GOOLE, YORKS.
London Office : **24 HAYMARKET, S.W.1**

Shopfitting and Shopfittings

Showcases supplied from stock
or made to specification
Let us advise you on your new
SHOPFRONT

Write or Phone:—
RELIANCE BUILDING Co. *(Shopfitters)*
1a EBBSFLEET ROAD, CRICKLEWOOD, LONDON, N.W.2 **Gladstone 9788**

MEDICATED SOAP
SKIN & SCALP AFFECTIONS

SULPHAQUA

BATH CHARGES
RHEUMATISM · GOUT · ETC

EXPORT ENQUIRIES INVITED

Both products may be recommended with confidence.

REPEAT SALES ASSURED

Immediate delivery through leading Wholesalers or direct from

S. P. CHARGES CO., ST. HELENS, LANCS. - Est. 1895

Introducing

'LYNORAL'

ETHINYL ŒSTRADIOL

The most remarkable oestrogen known—

FOR ORAL ADMINISTRATION

DERIVED FROM THE NATURAL ŒSTROGEN

EXTREME POTENCY MEANS MINUTE DOSAGE

WITHOUT SIDE EFFECTS

AT LOW TREATMENT COST

For all conditions where oral Œstrogen therapy is indicated

Scored tablets of 0.05 mg. · Tubes of 25 · Bottles of 100

Stocks are immediately available from all wholesalers or direct

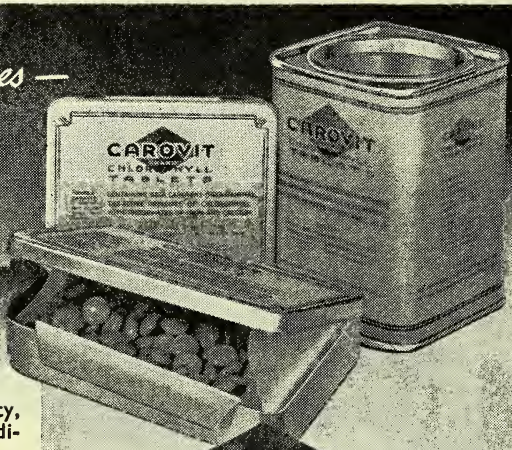
ORGANON LABORATORIES LTD.

BRETTENHAM HOUSE, LONDON, W.C.2

TELEPHONES: TEMPLE BAR 6785/6/7 0251/2

TELEGRAMS: MENFORMON, RAND, LONDON

In these trying times —



INDICATIONS
General fatigue and debility, hypertension, infective conditions, night blindness.

PACKINGS AND PRICES
100 tablets 3/8½
300 tablets 10/5½
(Including Purchase Tax) P.A.T.A. *List*

CAROVIT BRAND
CHLOROPHYLL TABLETS

101 Great Russell St. LONDON, W.C.1
Telephone: MUSeum 2042-3

CONTINENTAL LABORATORIES LTD.

ORANGE, LEMON,
PINEAPPLE,
ORANGE & LEMON,
PINEAPPLE & ORANGE,
BLACKCURRANT and APPLYM.

I am selling

FOUR SEASONS
SQUASHES

for these four reasons . .

- **Nationally advertised**
- **2/6 a bottle**
- **Best quality in its class**
- **Seven flavours for all-the-year-round sales**

FOUR SEASONS *THE SQUASHES THAT SELL*

A strong advertising campaign in Daily and Sunday Newspapers, Picture Post, Illustrated and Women's Magazines is already giving your customers four reasons for buying. Place your order now.

Citrus Products, Co. Ltd., 87, Regent Street, London, W.1.

WILL SELL LIKE HOT CAKES!

Cookiemalt

MALT EXTRACT SPECIALLY MADE FOR THE KITCHEN

NO POINTS—AND RETAILING AT ONLY 1/9½ per lb. jar, Cookiemalt—made by the Millamalt people—will sell like hot cakes and bring you a steady stream of regular customers It's sweet, nutritious, enriches the flavour, gives an appetising colour and keeps cakes oven-fresh. Stock up now to meet the demand

ALL HOUSEWIVES WILL HEAR ABOUT COOKIEMALT through a strong advertising campaign featuring the chef who gives away trade secrets ! Counter display cards and free Cookiemalt recipe leaflets are available. Write to us for supplies right away

JEFFREYS, MILLER & CO LTD WIGAN AND LONDON

WIGAN :—Leyland Mills, Wigan. *Telephone:* Wigan 2327.
Telegrams: Maltum, Wigan. *Cables:* Code ABC 7th Edition.

LONDON :—19/25 Brookside Road, N.19
Telephone: Archway 3627

Introducing two NEW

GENUINE French Perfumes

● Specially for Christmas, Rimmel have introduced two really exceptional cosmetic lines — and remember if a product is exceptional it sells.

● Your women customers will buy this sophisticated genuine French perfume because : Its price is competitive, the bottles are French and attractive.

● Retail prices :

Decanter bottles 10s. each.

R-bottles 3s. 6d. each.

Vocalise and Ghislaine dipper bottles 6s. 6d. each.

● It pays to stock—

Rimmel

48 NORTH ROW · PARK LANE · W.1

wonderful COSMETIC LINES

● For the first time a Lip-Fashion Pencil is available for the home market.

● It is new : it will be fashionable : and it will be your best seller.

● 10 glorious shades.

Retail price 7s. 6d.

Refill price 4s. 1d.

● Don't miss these golden opportunities. Supplies are limited and orders will be met in strict rotation.

● It pays to stock—

Rimmel

48 NORTH ROW · PARK LANE · W. 1

The richest natural *vitamin - protein - mineral* supplement Bemax

The nutritional factors of Bemax are well demonstrated in the table of assay figures shown below—

VITAMINS (per oz.)

B_1	0.45 mg.	nicotinic acid	1.7 mg.
B_2 (riboflavine)	0.3 mg.	B_6	0.45 mg.
		E	8.0 mg.

PROTEIN, MINERALS, etc.

protein (first-class—see*)	30%	mineral salts	4.5%
carbohydrate	39%	water	5%
fat	8.5%	fibre	2%

*** ESSENTIAL AMINO ACIDS**

	fresh weight basis	16% N basis
arginine	2.5%	8.3%
histidine	0.9%	3.0%
lysine	1.8%	6.0%
tryptophane	0.3%	1.0%
phenylalanine	0.9%	3.0%
cystine	0.3%	1.0%
methionine	0.5%	1.6%
threonine	1.2%	4.0%
leucine	2.1%	7.0%
isoleucine	1.3%	4.3%
valine	1.6%	5.3%

This advertisement, including the analysis, is copyright.

Vitamins Limited
Upper Mall, London, W.6.

HOW EFFICIENT ARE WE?

Industry's function is to produce goods.

We are carton manufacturers; we are neither economists nor philosophers although in producing we apply economics and our organization reflects a philosophy.

In a highly competitive industry, we supply on the basis of price, quality and service. We cannot afford not to be efficient.

This advertisement series has explained the application of certain of our ideas on efficiency. Our final comment upon our self-imposed question is that competence is not enough. To achieve full efficiency there must also be vision and enterprise.

BOXFOLDIA LTD.
CARTON MANUFACTURERS
BOURNBROOK, BIRMINGHAM

SWANDOWN

Up and up goes the demand for this ever popular range of

Cosmetics

From Wholesalers — or direct

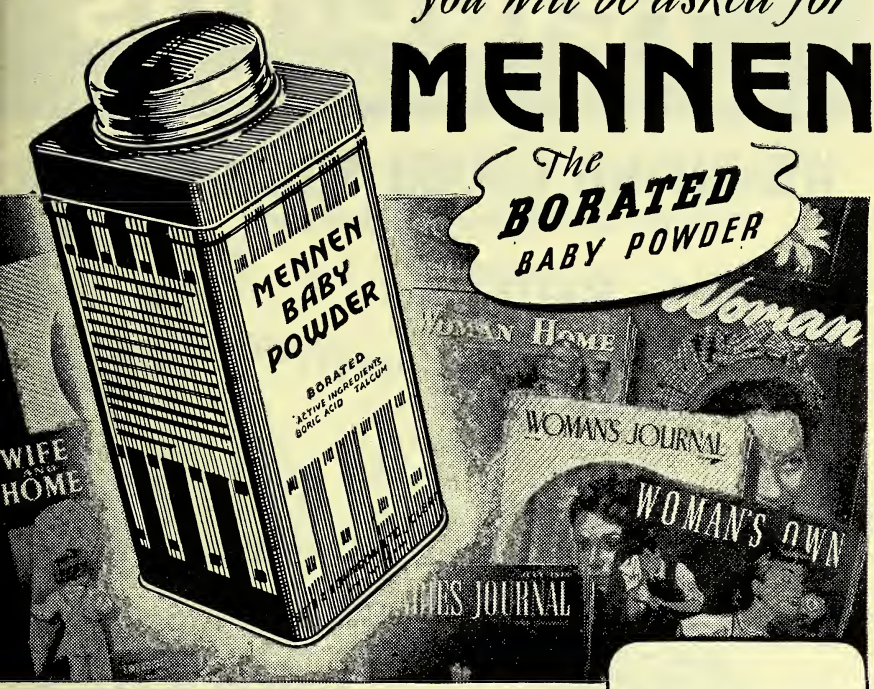
SWANDOWN COSMETICS
BERESFORD AVENUE,
WEMBLEY, MIDDX.

From now on—

you will be asked for

MENNEN

The **BORATED BABY POWDER**



The famous 'Mennen' Baby Powder is back. Made to the 'borated' American formula by Fassett & Johnson, Ltd. 'Cloud spun,' and containing Boracic Acid and Ultra-fine talcum, 'Mennen' is "Baby-Powder with a REASON."

From now on 'Mennen' advertising will appear in the principal Women's Magazines with Nursery interest.

TRADE TERMS & DISCOUNTS :—

Price to Public	- - -	1/5 each inc. of Purchase Tax
Price to Trade	- - -	9/6 per dozen
	Purchase Tax	3/2 per dozen

5% quantity discount on 3 dozen. Carriage Paid.

Made in England for the MENNEN COMPANY *by*

FASSETT & JOHNSON LTD

CLERKENWELL ROAD, LONDON, E.C.1

NATIONALLY ADVERTISED TO MILLIONS OF MOTHERS IN:—

HOUSEWIFE

MOTHER

WOMAN'S JOURNAL

WELDONS LADIES' JOURNAL

NURSERY WORLD

MOTHER & HOME

WOMAN & HOME

WIFE & HOME

WOMAN'S OWN

WOMAN

Fennings

FAMOUS FOR OVER 80 YEARS

WHOOPING COUGH MIXTURE

and for other dry coughs too!

Certain Relief—
Certain Sales—
Widely Advertised

RETAILING AT **1/6**

ALFRED FENNINGS, HORSHAM, SUSSEX.
(formerly of Cowes, I.O.W.)

No. 4711.

Eau de Colognes and Beauty Aids

MADE IN ENGLAND

All you want—
NOW!

R. J. REUTER COMPANY LTD.
SLOUGH

P.A.T.A.

JOHN KNOX · JOHN KNOX · JOHN KNOX

John Knox

(Stoke-on-Trent) LTD.

Jaynox Works, King St., Fenton, Stoke-on-Trent

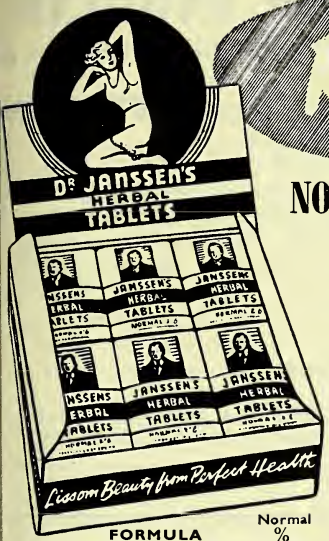
Can supply you to advantage with :—

PHERIBAN TONIC TABLETS
SCYLLA RINSES AND SHAMPOOS
ARGOTONE
BIRLEYS ANTACID POWDER
SPHAGNOL PREPARATIONS
RADIOL PRODUCTS
HAIRS ASTHMA PREPARATIONS
C.V.B.

ALL IN FULL SUPPLY
Special terms available on request

Also from :—
JOHN KNOX (Midland) Ltd.
36-8 Dean Street, Birmingham, 5

JOHN KNOX · JOHN KNOX · JOHN KNOX



200,000 Ready-made Customers

NOW TO BE DIRECTED TO CHEMISTS

For the past 12 years Dr. Janssen's Herbal Tablets have enjoyed direct sales to the public now numbering over 200,000. The demand to-day is such that sales through the usual Retail channels of distribution have become essential and this vast, ready-made market is now available to Retail Chemists all over the country.

A big and sustained advertising campaign in the National, Sunday and Provincial Press will announce the change-over, divert sales to the Retail and foster demand.

FORMULA	Normal %
Ext. Cascara Sag. Sicc. B.P.	25.625
Ext. Aloes B.P.C. - -	7.500
Ext. Leptandra B.P.C. -	2.083
Ext. Gentian B.P. - -	3.750
Ext. Taraxaci B.P.C. - -	7.500
Cerevis, Ferment. SICC. -	38.541
Mrryh. B.P. - - -	2.083
Lecithin (Ground Nut) -	3.750
Oleoresin Zingib - -	0.958
Base to - - - -	100.00

HERE ARE TWO SPECIAL PROFIT INTRODUCTORY BONUS OFFERS

BONUS PARCEL A

	Cost	Selling
One doz. 2/6 Dr. Janssen Tablets	16/-	24/-
One only 2/6 „ „ „	Free	2/-
Gives you 38.4% NETT PROFIT	16/-	26/-

BONUS PARCEL B

Two doz. 2/6 Dr. Janssen Tablets	32/-	48/-
½ „ 5/11 „ „ „	19/6	29/-
¼ „ 5/11 „ „ „	Free	14/6
Gives you 43.7% NETT PROFIT	51/6	91/6

excluding purchase Tax

Mark your order simply A or B parcel. It can go through your usual wholesaler if desired

Dr. Janssen's Herbal Tablets are packed in small and attractive display cartons. All parcels over £1 carriage free.

Dr JANSSEN'S HERBAL TABLETS

SOLE DISTRIBUTORS

HARRY A. PENNEY (DISTRIBUTORS) LTD.

Barclays Bank Chambers, Kendal, Westmorland

Tremendous Success

NO WONDER ORDERS LIKE THIS POUR IN...

* "4 gross of Gloria gone in 2 weeks. Send 8 gross more please"

"Urgent—send 6 dozen Gloria"

"Exceptional sales. 4 dozen more Gloria please"

"Please 12 dozen more Gloria immediately"

* *All these statements are true quotations from actual orders coming in by the hundreds!*

Gloria

LIQUID

Shampoo

containing OLESTOL

Washes hair shimmering clean without making it harsh and dry!

It's by Pears

...IT'S NEW

...IT'S DIFFERENT

A. & F. PEARS LTD., ISLEWORTH, MIDDX. PGT 2/923/80

WYETH'S

'ENDRINE

NASAL COMPOUND

14 TO THE DOZEN TERMS

are offered on all orders of 3 doz. upwards for 1 oz. size of 'Endrine' Nasal Compound received during November, in return for fourteen day's display of our attractive showcard. Take advantage of the coming season of head colds by placing your order now—either direct or through your usual wholesaler.

JOHN WYETH & BROTHER LIMITED
CLIFTON HOUSE, EUSTON ROAD, LONDON, N.W.I.

VACUUM FLASKS

RETAILING AT 7/-

A SPECIAL OFFER

TO CALLERS ONLY

We are unable to dispatch these due to breakage

L. FRANKENBERG LTD

37 HOUNDSDITCH
LONDON · E.C.3

Telephone : AVEnue 4966

36 Page Price List on application

ENQUIRIES WELCOMED

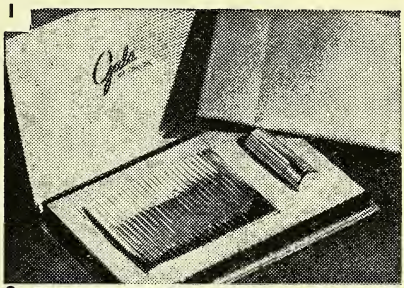
GALA OF LONDON's four big Christmas 'Specials'!

MEAN BUSINESS FOR *YOU*

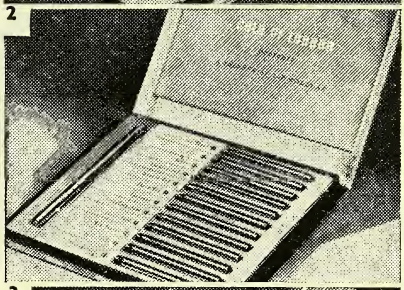
You'll be glad you stocked these beautiful Gala of London presentation cases because your customers will go for them in a big way. More than ever this year, Christmas giving is going to mean giving Gala of London preparations as the ideal gift. Gala of London answers the call for 'something special' in Christmas cosmetic presents with these four exciting presentation cases.

Your customers are well acquainted with each of these products as sold separately—particularly the new Lip Line which is causing such a sensation, and is receiving wide pre-Christmas publicity. Now your customers will be delighted to find these Gala products grouped together in their gay, seasonable packs—so right for the morning of December 25! Be sure to display these Gala of London sets in your window and on your counter. Their eye-catching, artistic packs will appeal strongly to both your men and women customers—meaning sure business for you. *Write TO-DAY for details.*

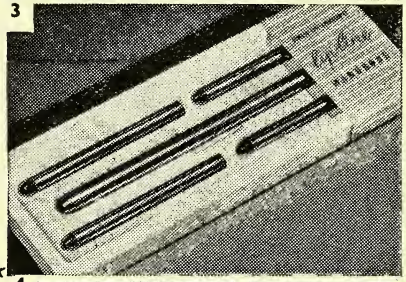
1



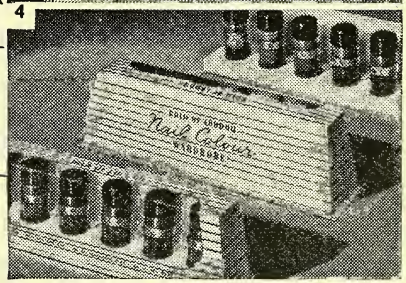
2



3



4



(1) *Gala Compact Set, consisting of gold-metal compact and matching lipstick.*

(2) *Lip Line Palette consisting of the new exciting Lip Line case and 12 refills.*

(3) *Lip Line Wardrobe, consisting of Lip Line case and 4 refills.*

(4) *Nail Colour Wardrobe, consisting of a selection of 5 Nail Colours and a special protector.*

PRICES	TRADE (*without Pur. Tax*)	RETAIL (*with Tax*)
1 LIPSTICK AND COMPACT SET	156/- *per doz.*	32/6 *each*
2 LIP LINE PALETTE	192/- *per doz.*	40/- *each*
3 LIP LINE WARDROBE	72/- *per doz.*	15/- *each*
4 NAIL COLOUR WARDROBE	72/- *per doz.*	15/- *each*

GALA OF LONDON

The Fashion Leader in Colour in Make-up

BURLINGTON ARCADE, PICCADILLY, LONDON, W.1

Distributors: **MYRAM PICKER LTD., HOOK RISE, SURBITON, SURREY**

This is one of Pierre Pagès delightful drawings for Atkinsons nation-wide advertising under the title "Today in Bond Street."

BY APPOINTMENT
PERFUMERS TO H.M. THE KING
J. & E. ATKINSON LTD.

Fashion news is headline news. That is why Atkinsons advertising campaign for their Gold Medal Eau de Cologne is attracting so much attention. This delightful fashion series, "Today in Bond Street" is catching the eye of millions of women through the National Press and Magazines. The drawings, by Pierre Pagès the eminent Parisian artist, emphasize the fashionable appeal of Atkinsons Gold Medal Eau de Cologne.

ATKINSONS

GOLD MEDAL

EAU DE COLOGNE

J. & E. ATKINSON LIMITED, 24 OLD BOND STREET, LONDON, W. 1

AKT 4-1062

Keep 'KEPLER' to the fore

Now, with a Nation-wide advertising campaign under way in newspapers, periodicals and magazines, the demand for 'KEPLER' is increasing every day. More and more of your customers are getting to know that 'KEPLER' protects and fortifies. Are you well-stocked to meet a big demand this winter?

Keep your customers 'KEPLER' conscious by an attractive window display. A well-dressed window, featuring Crowner Cards and other display material designed especially for you, means bigger sales and bigger profits.

'KEPLER' BRAND
COD LIVER OIL WITH MALT EXTRACT

MORE GOODNESS TO THE SPOONFUL

BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) **LONDON**

The Hormone of the Corpus Luteum

LUTOCYCLIN

Registered Trade Mark

AMPOULES OF PROGESTERONE B.P.

2 mg. in boxes of 3 at 4/9
5 mg. in boxes of 3 at 8/3
10 mg. in boxes of 3 at 14/6

20 at 26/9, and 50 at 64/3
20 at 51/6, and 50 at 126/-
20 at 92/6, and 50 at 229/-

LINGUETS OF 5 MG.

ETHISTERONE B.P.C.

Bottles of 10 at 6/9
Bottles of 50 at 26/6
Bottles of 100 at 53/-

Retail Discount 33⅓% (exempt from Purchase Tax)

This product is used in the treatment of excessive uterine haemorrhage, dysmenorrhoea, and threatened and habitual abortion, in conjunction, where appropriate, with oestrogens (Ovocyclin).

CIBA

CIBA LABORATORIES LTD · HORSHAM · SUSSEX

Telephone : Horsham 1234. *Telegrams : Cibalabs, Horsham.*

2/48

The

CHEMIST AND DRUGGIST

for RETAILER—WHOLESALER—MANUFACTURER

NOVEMBER 6, 1948

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

ngle copies 1/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

No. 3585 Volume CL

CONTENTS

Births ... 594
Business Changes ... 596
Coming Events ... 611
Company News ... 596
Correspondence ... 615
Deaths ... 594
Dutch Quinine Production ... 610
Editorial Articles:—
N.P.U. Takes Action ... 605
Not Unsatisfactory? ... 605
Proprietaries under N.H.S. ... 606
Exhibit of Pharmacopœias ... 602
Hot Water Bottle Production ... 613
Irish News ... 591
Largest Pharmacy in the World? ... 609
Legal Reports ... 603
Life Story of a Business ... 595
Local News ... 590
Marriages ... 594
N.H.I. in Northern Ireland ... 602
National Pharmaceutical Union ... 600
New Factory in Eire ... 597
New Pharmacopœia Reviewed ... 607
Overseas News ... 592
Personalities ... 595
Stock Exchange Prices ... 614
The Cinema in Industry ... 612
Three Months' N.H.S. ... 603
Topical Reflections ... 593
Trade Marks ... 620
Trade Notes ... 598
Trade Report ... 616
Wholesalers' Activities ... 603
Work of Statutory Committee ... 610

NEWS OF THE WEEK

Purchase Tax Notice Revised.—A re-sed edition of Purchase Tax Notice No. (Goods Chargeable with Purchase Tax) s been issued recently by the Commis-ners of Customs and Excise, City Gate ouse, Finsbury Square, London, E.C.2.

Sugar Rationing.—An increased alloca-n of sugar is being allowed from Novem-r 7, for the manufacture of a number of ods, including infant foods. The sweet tion is being increased from 12 oz. to lb. per four-week period from Decem-r 5.

Historical Pharmaceutical Books.—The storical collection which forms part of e library of the Pharmaceutical Society ay now be inspected at the library, 17 oomsbury Square, London, W.C.1, after ing returned from its war-time place of fety.

Statutory Committee Inquiry. — The atutory Committee of the Pharmaceuti-l Society inquired, on October 27, into e case of a pharmacist who had been nvicted of larceny and sentenced to twelve months' imprisonment. After hearing evidence the Committee decided not to remove the pharmacist's name from the Register.

All-England Pricing Clerk.—Mr. W. Haigh, Sheffield, has been appointed Clerk to the Joint Pricing Committee for England, set up under the National Health Service to take responsibility for pricing, at thirteen centres throughout England, all N.H.S. prescriptions dispensed by pharmacists. Mr. Haigh was formerly secretary-superintendent of the North-east Midland Prescription Bureau, Sheffield.

Additions to Drug Tariff.—The Ministry of Health announces that the appliances newly included in the Drug Tariff, and for which specifications were set out in the notice to chemists (enclosed with E.C.N.4), will be included in the Drug Tariff for November, now in preparation. The following alterations from the September prices given in that notice apply for October and November prescriptions:—Atomiser, 96d.; douche with rectal and vaginal fittings, 90d.; infants' enema syringe,

1-oz., 21d.; irrigator, eye (undine), 2-oz., 15d.; test-tube, 0.8d. It has been decided to delete from the list "spare mounts" for atomisers.

Chemical Works Safety.—A conference on chemical works safety organised by the Royal Society for the Prevention of Accidents was held in Harrogate during the period October 29-31. Mr. H. R. Payne (chairman, works safety committee of the Association of British Chemical Manufacturers), dealing with safety organisation, stressed the need of appointing safety officers, particularly in works employing 500 persons or more. Apart from suitable personality the qualifications which a safety officer would require to possess included, he said, sufficient experience to enable him to advise his management on the practical interpretation of the law relating to factory safety, the ability to lecture and to carry out safety education, and experience of organising committees.

Drugs at the Dairy Show. — Among manufacturers of veterinary medicines, insecticides, etc., represented at the sixty-second annual show of the British Dairy Farmers' Association held at Olympia, London, October 26-29 were:—Bell & Sons, Ltd., (veterinary products); Boots Pure Drug Co., Ltd., (Mindif mineral salts, Phenosan (phenothiazine) and a soapless shampoo for cattle); British Glues & Chemicals, Ltd., (mineral feeds for farm stock); Day, Son & Hewitt, Ltd., (veterinary products); W. Gregory & Co., Ltd., (veterinary medicines); Imperial Chemicals (Pharmaceuticals), Ltd., (Sulphamezathine (sulphadimethylpyrimidine) solution for the treatment of coccidiosis in chickens, Lorexane agricultural insecticide containing 0.1 per cent. benzene hexachloride, Phenovis (phenothiazine), and Avlon hexachlorethane for worm infestation in cattle and liver fluke infestation in sheep); Jeyes' Sanitary Compounds Co., Ltd., (disinfectants and Pyagra insecticides); Osmond & Sons, Ltd., (animal remedies); Reckitt & Colman, Ltd., (Dettol and Dettol teat and udder cream); W. J. Bush & Co., Ltd., (flavourings and essences); Albright & Wilson, Ltd., (stabilisers and detergents); Arnold & Sons, (veterinary instruments and appliances) and Ormerod Engineers, Ltd., (emulsifiers and homogenisers). "First Aid for Farm Animals," a booklet distributed by the Iodine Educational Bureau, included a space in which the farmer may insert, for quick reference, the name and address of his chemist.

LOCAL NEWS

Visit to Horsham Factory. — Thirt four members of the Portsmouth Branc of the Pharmaceutical Society visited th Horsham factory of Ciba Laboratorie Ltd., on October 13. After a tour of th works the visitors were entertained to te

Portsmouth Pharmacy Burgled.—Th pharmacy of Mr. L. J. Evans, M.P.S., 1 Russell Street, Portsmouth, Hants, w broken into early on October 24 and quantity of pharmaceutical and phot graphic goods was stolen.

Hull N.H.S. Discussion.—At a meetin of the Hull Chemists' Association an Branch of the Pharmaceutical Society c October 29, Mr. E. A. Brocklehurst member of the Society's Council), spoke o "National Health Service Up to Date." general discussion followed.

Scarborough Film Show. — Local do tors and nurses were guests of the Sca borough Branch of the Pharmaceutical S ciety at a film show held on October 2 The programme of medical and technic films included "Signs and Stages of A æsthesia" and "Take Thou." The sho was arranged by Mr. J. H. Hobson an Miss K. Wrighton presided.

Wembley Branch Dinner.—The annu dinner and dance of the Wembley Chem ists' Association was held jointly with th West Middlesex Association at Greenfor on October 27. Mr. Evan C. Meredit was in the chair, and the speakers include Mr. F. G. Wells (a member of the Phar maceutical Society's Council) and Dr. H Davis (chief pharmacist, Ministry c Health). £10 was raised for the Society' Benevolent Fund.

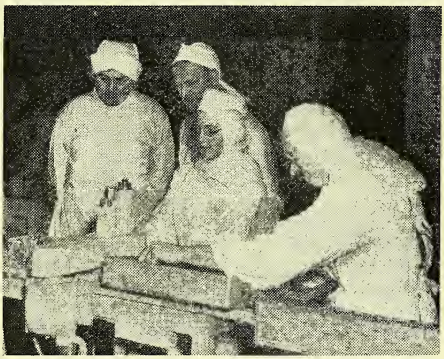
Devils, Drugs, and Doctors. — An ad dress under that title was given at a mee ing of the Hendon and Edgware Branch o the Pharmaceutical Society, on October 18 by Dr. R. Hunt Cooke. Dr. Cooke trace the development of medicine from the tim of ancient Greece to the present day, re ferring to oddities in "materia medica such as moss from the skull of a dead crim inal, and mandrake root pulled at full moo by a dog tethered to the plant. It wa interesting to speculate, he said, whethe man had suffered most from devils, drugs o doctors.

N.P.U. Chairman on Pricing Methods —Speaking at a meeting of the Newcastl and Northumberland Branch of the Phar maceutical Society on October 25. Mr. G H. M. Graham (chairman, National Phar-

naceutical Union) outlined various chemes that had been proposed for reaking bottlenecks at the pricing bureaux vithout sacrificing contractors' interests. The main difficulties at the bureaux, he said, vere caused by lack of staff—shortage of rainees being an outcome of low rates of ay, long hours and monotonous work. A nethod of pricing of scripts costing less han 5s., using the chemist's own average, ppeared to be an equitable means of enuring prompt payment. Full pricing and arly payment were what most contractors vanted, but they seemed beyond the prent capacity of the pricing organisations. The speaker deplored the use of the term averaging."

Chesterfield Officers. — At the annual neeting of the Chesterfield Branch of the 'harmaceutical Society, on October 20, the ollowing officers were elected:—*Chairan,* Miss L. E. Brothwood; *Vice-chairan,* Mr. S. E. Greenwood; *Treasurer,* Mr. . C. Croft; *Secretary,* Mr. A. Livesley, 35 Market Place, Chesterfield. Mr. H. teinman (a member of the Society's Counil) and of the Contractors' Negotiating ommittee) speaking on "The New Health ervice and Its Problems," said the N.H.S. ct was the best deal pharmacy had had om any Government. It recognised for e first time that dispensing was the proince of the pharmacist. The need for nproving children's medicines presented wide field for research workers. Pharacists now had a splendid opportunity, y conscientious and willing service, to rove their professional standing and useilness. So long as pharmacists continued play their full part, said Mr. Steinman, ispensing in health centres would be egligible.

Sheffield Annual Meeting.—At the anual meeting of the Sheffield Branch of the harmaceutical Society, on October 27, the airman, Mr. L. Stocks, paid tribute to e work of the late Mr. Ernest Preston former chairman of the Pharmaceutical ommittee, a member of the Sheffield Exeutive Council, and a past-chairman of the ranch), and it was decided to open a subription list for a suitable memorial. The cretary's report and the treasurer's balnce sheet were adopted. A resolution at the annual meeting should be held in ay to simplify compilation of an agenda r the winter session, was passed unaniously. The Branch Representatives' eeting, held in London in May, was then iscussed, and various suggestions were passed to the Executive Committee for consideration as resolutions for its successor. The following acting officials of the branch were reappointed:—*Chairman,* Mr. L. Stocks; *Vice-chairman,* Mr. R. H. Drinnan; *Treasurer,* Mr. C. A. Fox; *Secretary,* Mr. S. Durham, 29 Stephen Hill Road, Sheffield, 10. Mr. W. Wood was appointed to represent the Society on the court of governors of Sheffield University.

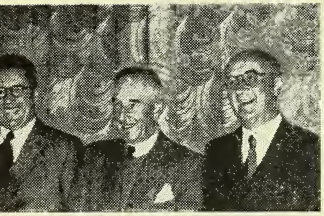
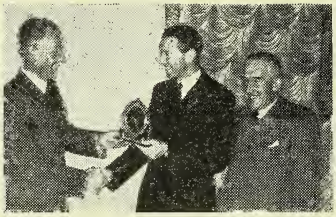
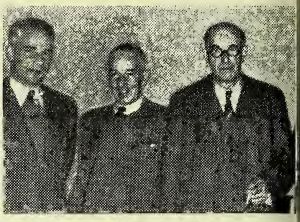


The Minister of Health (Mr. Aneurin Bevan) sees for himself how streptomycin is packed, sealed and dispatched at the Greenford works of Glaxo Laboratories, Ltd. (see *C. & D.*, October 30, p. 557).

IRISH NEWS

Gaelic Athletics Club. — The Gaelic Athletic Association Club of the Pharmaceutical Society of Ireland's College of Pharmacy opened its season by beating the Sean MacDermotts (Dublin champions for the past few years) by 3 goals 3 points to 1 goal 2 points. Provincial students attending lectures in Dublin are invited to join the club. The following officers have been elected:—*Chairman:* Mr. P. C. Cahill; *Vice-chairman:* Mr. F. J. Gaffney; *Treasurer:* Mr. T. K. O'Keefe; *Secretary:* Lieutenant S. Fox; *Assistant Secretary:* Mr. B. McWey; *Captain:* Mr. C. Conefry; *Vice-captain:* Mr. J. Roche; *Committee:* Messrs. K. Banks, J. Casserley, J. Murray, and representatives from the Students' Representative Council.

Eire Golfers' Dinner.—At the annual dinner of the Irish Chemists' Golfing Society, held in Dublin on October 20, the following representatives of the Ulster Chemists Golfing Society were present: Messrs. Alec Steele (captain), W. H. Boyd (secretary) and J. A. McRoberts (treasurer). The Eire golfers were represented by

IRISH CHEMIST GOLFERS.—Left, Mr. F. A. Brady (president of the Pharmaceutical Society of Ireland), Mr. A. J. Thornton, Enniscorthy (captain of the Irish Chemists' Golfing Society), and Mr. J. J. Roche (president of the Irish Drug Association). 2. Mr. O. N. T. Davenport (general manager of Goya, Ltd.) hands over the first prize—a clock—to the winner, Mr. Eric Massey. 3. The captain among guests from Ulster, Messrs. W. H. Boyd (secretary, Ulster Chemists' Golfing Association), A. J. Thornton (Eire captain), Alex Steede (Ulster captain), and J. A. McRoberts (Ulster treasurer).

Messrs. A. J. Thornton (captain), who presided, and Phil Fahey (secretary). Others present included Messrs. P. A. Brady (president, Pharmaceutical Society of Ireland) and John Gleeson (treasurer), and Mr. J. J. Roche (president, Irish Drug Association, and treasurer, Irish Chemists' Golfing Society). Trophies donated by Goya Ltd., and their Dublin Agents, M. G. Baynes, Ltd., were presented to the following:—18-holes strokes competition: first prize, Mr. Eric Massey (15), 71; second prize, Mr. Stanley J. Savage (8), 71; prize for best net first nine, Mr. J. A. Mason (12), 37; best net second nine, Mr. J. J. O'Sullivan (20), 37. 18-holes bogey competition, Mr. Con Collis (18), 3 down; runner up, Mr. John Draffin (7), 4 down.

Distribution Policy in Eire.—Mr. J. J. Roche (president) was in the chair at a meeting of the Committee of the Irish Drug Association held in Dublin on October 18, when it was reported that, following negotiations by the Committee, a manufacturer had fixed the prices of his products to show a profit margin of $33\frac{1}{3}$ per cent. on retail sale. It was also announced that the manufacturers of a toilet product had agreed to a modified distribution policy under which the item should be restricted, with a few exeptions, to chemists and druggists, that bonus terms should be available only to chemists and druggists, and that only approved wholesaler members of the Association should be supplied on wholesale terms. The Committee decided to recommend unanimous acceptance of that policy, which would henceforward be established as standard for other manufacturers of toilet and similar articles that were largely sold in general shops. Mr. A. Cassidy, Ph.C., Ballyjamesduff, co. Cavan, and Dr. M. J. Cusack, Carrigallen, co. Leitrim, were elected members.

OVERSEAS NEWS

U.S. Cosmetics Courses. — Columbia University College of Pharmacy, South Carolina, is instituting a group of courses in perfumery and cosmetics for persons employed in the industry.

Finnish Trade With Russian Zone.—Finland and the Russian zone of Germany have signed a trade pact involving an exchange of goods to a total value of £1,625,000. Amongst the goods Finland is to get are chemicals and optical products.

Study of Cocoa Disease.—Three workers on plant diseases are to visit the Gold Coast, West Africa, under the United Nations Food and Agricultural Organisation, to study swollen shoot disease of cocoa trees and report on measures necessary for its eradication.

Drug Allocations Under E.R.P.—From April 3 to September 30 a total of $9 millions had been allocated under the European Recovery Programme for the supply of "medicines and pharmaceuticals." Values of supplies to the various participating countries were:—Austria, $1.8 millions; Belgium, $100,000; France, $4.7 millions; Germany (French Zone), $100,000; Greece, $300,000; Holland, $1.9 millions; Italy, $1.3 millions.

A Black Market in Streptomycin.—Following disclosures that sufferers from tuberculosis in Malaya have been exploited by black market dealers in streptomycin, it has been decided strictly to control the supply of the drug. Prices as high as $200 per gm. had been paid, against an official price of $3.50 cents per gm. (the Malayan dollar is equivalent to about 2s. 4d.). State referees now vouch for doctors applying for streptomycin supplies.

TOPICAL REFLECTIONS

Perfumery Manufacturers' Problems

Light and shade alternate in the third annual report of the Toilet Preparations and Perfumery Manufacturers' Federation (p. 570). Relations between the Federation and the Board of Trade appear to be, in general, satisfactory. Both parties must welcome, for different reasons, the reopening of some of the overseas markets which had been closed to British perfumery manufacturers, and the Board has no doubt been thanked for its good offices. The effect on the trade of the Miscellaneous Goods (Maximum Prices) Order, 1948, is less satisfactory. As the report points out, the Order tends to a discrimination—an unfair discrimination—between one class of manufacturer and another. The word "similar," like the word "Mesopotamia" in a familiar story, may have unforeseen results. Obstacles to the introduction of new articles must also check the flow and development of export trade; and that, surely, is far from being the intention of the authorities. A few weeks ago you published an illustrated description of the evolution of a new perfume and its pack. The disappointment of a manufacturing house when, after the expenditure of ability and the outlay on material, any such conception is stultified can be imagined. It is no answer to the problem to suggest that the goods now selling well may be pushed to the utmost. Fashions change in perfumery as inexorably, if not as rapidly, as in dress.

Financing Retail Business

The report referred to in the preceding paragraph also shows that retailers holding large stocks of toilet preparations and perfumery last spring were hard hit then by the reduction in the rate of tax. That being recognised, it is natural that "an absolute minimum" of this kind of stock is for the present being held. Once bit, twice shy. But perfumery is not the only cause of worry in pharmacies just now. Your Correspondence section on October 30 (p. 583) bore witness to a serious financial stringency arising from delay in making payments to chemist contractors under the National Health Service. The possibility of a delay of this kind should, of course, have been foreseen by the Ministry of Health, and arrangements made accordingly. Comment can hardly be too severe when it is found that under the present system a panel chemist is compelled to borrow from his bank and to pay interest on sums thus obtained. Another correspondent calls attention to the possibility of a large share of N.H.S. dispensing being done in health centres. That development, if it materialised, might ease the financial problem for proprietors of small pharmacies. It would to some extent alter the balance now established between the professional and the commercial sides of their work; but that would be a matter of hardly more than academic interest. One wonders whether the Service, starting so inauspiciously, can settle down before an amending Bill, already spoken of, becomes an Act. In that Bill this question of chemists' payments should receive consideration. Those affected will be wise to study afresh the returns from other departments of their businesses.

An Early Inhaler

Though early, there is nothing primitive about an inhaler described and illustrated in "The Gentleman's Magazine" for November 1748. Made of tin, and rather similar in shape to its porcelain successor, it was said to have been invented by a Derby "teacher of mathematics and philosophy." The author of the description, "L.C.," styled it "a machine for curing coughs and other disorders of the lungs," recommending that rosemary "or any pectoral herb" be placed in it and boiling water be added. "L.C." thought the inhaler might also be "good against infection, if used every morning instead of smoaking or chewing tobacco . . .; as rue, wormwood and other bitter herbs are advised against infection . . . they would have more effect when used with this machine than in any other application." Another class likely to benefit from the inhaler, it was suggested, was miners: they were advised to take one down their mine after half-filling it with hot vinegar. How many men each inhaler was supposed to serve was not stated. The author heard that the apparatus was much approved by several physicians, surgeons and apothecaries in the neighbourhood of Derby, "and by a very eminent physician at Manchester." In the December number of the magazine, Leeuwenhoeck's inhalation process (*circa* 1700?) was given by way of postcript. The Dutch microscopist advised the selection of a piece of silver or copper about the size of a shilling. A small hole was to be made in it and filled with Peru balsam or a similar substance; the patient was to put this contrivance on his tongue, stop his nostrils and inhale by mouth. ***Xrayser***

BIRTHS

GLAVEY.—Recently, the wife of Dermot Glavey, M.P.S.I., 4 St. Carrice's Terrace, Santry, Dublin, a director of Evans Medical Supplies (Ireland), Ltd., of a son.

LIDDELL.—At Redlands Hospital, Glasgow, on October 27, to Rhoda (née Cairnie), the wife of John Liddell, M.P.S., 59 Barrington Drive, Glasgow, of a son.

LOUGHREY. — At Rosemount nursing-home, Belfast, on October, 9, Mary (née McEvoy) M.P.S.I., the wife of James Benedict Loughrey, M.P.S.I., 63 Cliftonpark Avenue, Belfast, of a son.

MARRIAGES

FANNING-BRADY.—In Dundee, on October 23, Allan Fraser Fanning, M.P.S., 11 Airth Place, Mosspark, Glasgow, S.W.2, to Gladys Anne Brady, Dundee.

SCOTT-BENNETT. — At Framlingham, Woodbridge, Suffolk, on October 23, Anthony Ambrose Hugh Scott, B.Sc., Hove, Sussex, to Ruth Marion Bennett, M.P.S., only daughter of Mr. Ernest H. G. Bennett, M.P.S., 4 Church Street, Framlingham.

DEATHS

CARPENTER.—On October 12, Mr. George Reginald Carpenter, M.P.S., 19 Granard Road, Balham, London, S.W.12, aged seventy-three. Mr. Carpenter qualified in 1906.

LANE.—On October 7, Mr. Sidney William Lane, M.P.S., 20 Rigden Road, and formerly of 100 Western Road, Hove, aged seventy-one. Mr. Lane qualified in 1899.

POWELL.—On October 21, Mr. William Evans Powell, 77 Mount Ararat Road, Richmond, Surrey, formerly of Croydon, aged seventy-five. Mr. Powell qualified as a chemist and druggist in 1905.

PRESTON. In a London nursing home, on October 21, Mr. Ernest Preston, Ph.C., Stumperlowe, Hall Road, Sheffield, aged sixty. Mr. Preston was apprenticed to his father, the late Mr. Job Preston, Sheffield, and qualified in 1911, passing the Pharmaceutical Chemist examination a few months later. He took over the business of his father shortly after the 1914-18 war, and when the business was converted into a limited company in 1925, he became its chairman, a position he held until his death. For some time Mr. Preston was an examiner of the Pharmaceutical Society, and for many years was on the executive committee of the Sheffield Branch, acting as chairman for many sessions. He was chairman of the pharmaceutical subcommittee, Sheffield Insurance Committee; a member of the Glass Delegacy, Sheffield University; and manager of the Crookes Church day school. For many years he was superintendent of the Crookes Church Sunday school.

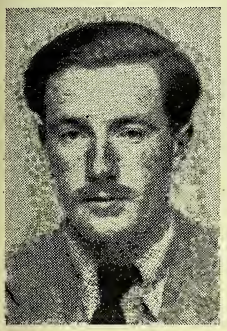
SHEPPARD.—At Rochester, N.Y., U.S.A., on September 29, Dr. Samuel E. Sheppard for many years on the staff of Eastman Kodak Research Laboratories. Dr. Sheppard, who had a world-wide reputation for his work on photography, published alone, or with co-authors during his life's research, nine books and some 250 papers. Born in Kent in 1882, Dr. Sheppard graduated from University College, London, and it was from that milestone that his photographic work commenced. After graduating, Dr. Sheppard spent several years studying in France and Germany, carried out research on photosensitising dyes at Marburg, studied microscopy at Jena, and worked in colloidal chemistry at the Sorbonne. For a time, he served under Dr. Mees on the research staff of Wratten & Wainwright in England, but when Dr. Mees organised the Kodak Research Laboratories in 1913, Dr. Sheppard joined him in America as a colloid and physical chemist. In 1920 he became chief of the department of physical inorganic and analytical chemistry in the research laboratories and in the following year took charge of Eastman *x*-ray screens. He was acting director of research during the absence of Dr. Mees in 1922 and 1923, and was appointed assistant director of research in 1924. He retired on January 1, 1948. A personal paragraph on Dr. Sheppard was published in THE CHEMIST AND DRUGGIST, February 21, p. 235.

SUMMERFIELD.—On September 28, Mr. Alfred William Summerfield, M.P.S., 79 Canobie Road, London, S.E.23. Mr. Summerfield qualified in 1904.

PERSONALITIES

Dr. Paul Muller, Switzerland, has been awarded the Nobel Prize for Medicine for discovering the insecticidal properties of the compound now commonly known as DDT.

Mr. Anthony A. Toher, who was recently elected to the Council of the Pharmaceutical Society of Ireland, is one of the youngest—if not the youngest—pharmacist to become a member of the Council. He served his apprenticeship with his father, Mr. T. P. Toher (owner of the Sligo Drug Co.) and passed his final examination in 1945 with distinction. He won the silver medal for that year, achieving 100 per cent. marks in botany and materia medica. He then obtained experience in Britain on the staffs of May & Baker, Ltd., Guy's Hospital pharmaceutical department, and Squire & Sons, Ltd., London, W.1. He is particularly interested in education.



Mr. G. H. MacMorran, Ph.C., has been appointed assistant resident secretary in Scotland of the Pharmaceutical Society [corrected note].

Alderman W. J. Brown, M.P.S., mayor of Ludlow, was granted the honorary freedom of the borough at a ceremony in Ludlow on October 29. Mr. Brown has been mayor of the borough four times.

Mr. Ernest H. G. Bennett, M.P.S., Framlingham, Woodbridge, Suffolk, has been co-opted a member of the East Suffolk Pharmaceutical Committee and of the local Pharmaceutical Service Committee.

Mr. W. G. Palmer (warehouse manager of H. R. Napp, Ltd.) was recently presented by Mr. H. R. Napp (managing director of the company), at a ceremony in London, with an inscribed gold wristlet watch to commemorate his completion of twenty-five years' continuous service with the business,

Mr. James McGirr, Premier of New South Wales, and a pharmacist, visited Northern Ireland recently as a member of a party of delegates to the Empire Parliamentary Association. One of three sons of a co. Mayo man who settled in Australia in the last century Mr. McGirr established himself in business in Sydney.

Captain Cyril Diver has been appointed head of a new Government-sponsored biological service which is to be responsible for conserving the flora and fauna of Great Britain, and for establishing nature reserves. For the past ten years Captain Diver has been engaged on spare-time research on genetics, chiefly in Dorset.

Mr. A. W. Slator, M.P.S.I., and Mr. S. O'Neill, M.P.S.I. (pharmacist, department of Health, Dublin), have been appointed by the Eire Minister of Health to the Local Authorities Formulary Advisory Council to advise him in the preparation of a formulary for use by doctors, chemists and others concerned with the prescribing and dispensing of medicines in hospitals and other institutions provided and maintained by local authorities.

LIFE STORY OF A BUSINESS

The announcement (p. 596) that Mawson & Proctor Pharmaceuticals, Ltd., has been formed to take over the wholesale section of Mawson & Proctor, Ltd., recalls the amalgamation under that title in 1912 of two old-established pharmaceutical businesses in Newcastle-on-Tyne—Mawson, Swan & Weddell, 20 West Grainger Street, and Proctor, Son & Clague, 11 Grey Street and elsewhere in the city. Messrs. George Weddell and T. Maltby Clague, Ph.C., A.M.I.E.E., were intimate personal friends, just as their predecessors John Mawson, Sir Joseph Swan, and Barnard S. Proctor had been. Mr. Weddell found his time largely taken up with the marketing of Cerebos salt and other ventures, and he and Mr. Clague came to an arrangement whereby the businesses should be carried on jointly as Mawson & Proctor, Ltd., simultaneously acquiring the business of Mawson & Swan, Ltd., dealers in chemical, physical, optical, and photographic apparatus, Mosley Street, Newcastle. The business of Mawson, Swan & Weddell had been founded by John Mawson over sixty years earlier. Thirty years later, when the original business had acquired artistic and scientific branches, the pharmaceutical side was taken over by Mr. Weddell in the new premises in Grainger Street. The Proctor business was founded in 1678, Barnard Proctor being the fifth of his name to be associated with it. In 1886 he was joined by Mr. Clague, one of whose two sons (Mr. W. Douglas Clague) had already passed the Minor examination.

COMPANY NEWS

City Cash Drug Stores, Ltd. (P.C.).—Capital £500. To carry on the business of wholesale and retail chemists, etc. Harry W. Goldring, director. R.O.: 61 Middlesex Street, London, E.1.

J. Stothard (Chemists & Opticians), Ltd. (P.C.).—Capital £4,000. John Stothard, M.P.S., and Leonard Usher, directors. R.O.: 226 Park Road, South Moor, Stanley, co. Durham.

D. J. Chase (Chemist), Ltd. (P.C.).—Capital £3,000. To carry on the business of chemists, druggists, etc. Jean Chase and Arthur G. Bradburn, M.P.S., directors. R.O.: 87 Bury Road, Gosport, Hants.

S. C. Fisher (Chemists), Ltd. (P.C.).—Capital £100. To carry on the business of chemists and druggists, etc. Stanley C. Fisher and Alice P. Fisher, directors. R.O.: 413 Fulham Palace Road, London, S.W.6.

E. N. Holding & Co., (Chemists), Ltd. (P.C.). —Capital £5,000. To carry on the business of chemists, druggists, etc. Edwin N. Holding, M.P.S., and Hilda M. Holding, directors. R.O.: 246 Oxlow Lane, Dagenham.

Judd's (Chemists), Ltd. (P.C.). — Capital £1,000. To carry on the business of chemists, druggists, etc. Harry Judd and Barbara R. Judd, directors. R.O.: 5 Warwick Street, Regent Street, London, W.1.

Spencer Chemists, Ltd. (P.C.).—Capital £1,000. To carry on the business of chemists, druggists, etc. Margaret E. A. Spencer and Marie L. Parr, directors. R.O.: Prudential Buildings, 30 Dale Street, Liverpool, 2.

French & Scott, Ltd. (P.C.).—Capital £100. To carry on the business of chemists, druggists, etc. Frederick G. French and Peter Scott, directors. R.O.: 9 Little Portland Street, Regent Street, London, W.1.

Mann & Co. (Chemicals), Ltd. (P.C.).—Capital £3,000. To carry on the business of manufacturing chemists, druggists, etc. First directors are to appointed. Solicitors: Wood & Sons, 1 St. Andrews Hill, London, E.C.4.

Langley Stephens, Ltd. (P.C.). — Capital £2,000. To carry on the business of wholesale or retail chemists, etc. George Langley, Mona B. Langley, Gomer Stephens and John Hague, directors. R.O.: Risca House, Cross Keys, Newport, Monmouthshire.

George Higgins & Co., Ltd. (P.C.).—Capital £50,000. To acquire the business of wholesale druggists' sundriesmen carried on by George Higgins & Co., Ltd. (in liquidation) at Battersea. Frank W. Powley, Frederick G. Rooke, Colin W. Kennedy, Cecil E. Miles, Stanley E. Vincent and Harry Sheffer, directors. R.O.: 77 Westbridge Road, London, S.W.11.

Laporte Chemicals, Ltd.—The interim dividend has been maintained at 5 per cent.

Petrochemicals, Ltd.—Sir Robert Robinson, P.R.S., and Mr. W. L. Tregoning (industrial adviser, Finance Corporation for Industry, Ltd.), have been appointed directors. Sir Robert Robinson has also joined the board of Petrocarbon, Ltd., an associated company (see *C. & D.*, September 4 p. 296).

John Dale, Ltd.—The Capital Issues Committee has approved an application for permission to raise approximately £300,000 by issues of preference and ordinary share capital. It is recommended that the two existing classes of preference shares be merged into a single class of 150,000 6 per cent. non-redeemable cumulative preference shares of £1 each, having the right on a winding up to repayment at a premium of 4s. per share. An additional 150,000 of such preference shares are to be created and issued, bringing the total authorised and issued preference capital up to 300,000 shares of £1 each, ranking *pari passu* in all respects. A further addition of £125,000 of ordinary share capital will make, with the existing £75,000, a total of £200,000 divided into 800,000 shares of 5s. each. Of this additional £125,000, the directors propose to issue £75,000, namely, 300,000 ordinary shares of 5s. each, leaving a balance of £50,000 (i.e., 200,000 shares) available for issue at a future date. Mr. E. A. Lusher, chairman, has resigned from the board on account of ill health and has been replaced by Mr. Robert D. Peters.

BUSINESS CHANGES

Allen & Hanburys, Ltd., have appointed Mr. F. A. Robinson, M.Sc. (Tech.), LL.B., F.R.I.C., deputy chief chemist.

Mr. K. V. Taylor, M.P.S., has acquired the pharmacy at 79 Garston Old Road, Liverpool, 19, formerly carried on by Mr. T. Coutts Nelson, M.P.S.

Mr. Alexander MacRobert Anderson, M.P.S., has acquired from Mr. Thomas Coutts, M.P.S., the pharmacy at 4 Union Grove, Aberdeen, of which he was formerly manager.

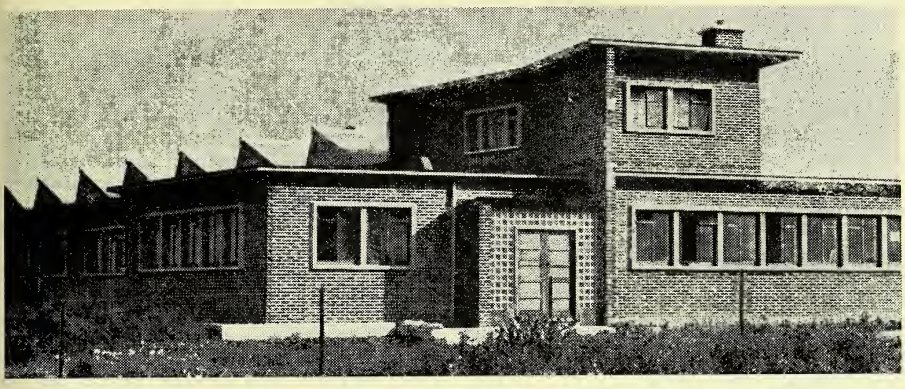
The Scientific Instrument Manufacturers' Association of Great Britain, Ltd., point out that their address is now 26 Russell Square, London, W.C.1.

Polak & Schwarz (England), Ltd., have appointed Mr. F. N. Graham, B.Sc., 17 Alma Road, Monkstown, co. Dublin, Eire, as their resident agent for Eire and Northern Ireland.

John Knox (Stoke-on-Trent), Ltd., manufacturing and wholesale chemists, have recently opened a branch depôt to serve the Fylde Coast area at 72 Rear Woodlands Road, Ansdell, Lytham-St. Annes (Telephone: Lytham 7329).

Mr. N. L. Allport, F.R.I.C., has resigned from the scientific staff of The British Drug Houses, Ltd., and, as from January 1, 1949, is taking over the practice of Dr. D. C. Garratt, consulting analyst, 325 Kennington Road, London, S.E.11.

Mawson & Proctor Pharmaceuticals, Ltd., took over on November 1 the wholesale section of Mawson & Proctor, Ltd., Newcastle-on-Tyne. The section has been transferred to St. Crispin's Buildings, Low Friar Lane, Newcastle-on-Tyne.

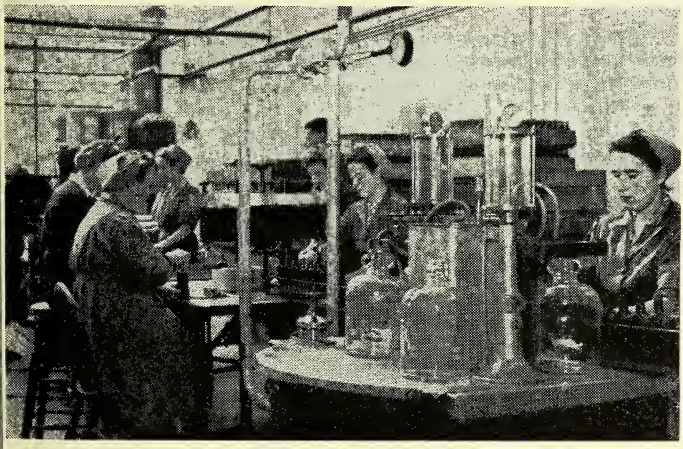


A NEW FACTORY IN EIRE

IN one way or another the manufacturers of Jeyes' fluid have been operating in Eire for so long that only the oldest-established chemists can remember the company's original Irish representative, the father of the late Mr. James J. F. Lough. In 1934, when the then Irish Government adopted a new tariff policy, the decision was taken to form a separate Irish company to handle the distribution in Eire. The first Irish Jeyes company had its offices and warehouse at 15 and 16 Crown Alley, in the centre of Dublin. During the past fourteen years the business had grown so considerably, and the number of items distributed had become so numerous, that it was decided to erect a completely new and modern factory in a rural area. The place chosen was a piece of ground of about 2½ acres at Finglas, in Northern county Dublin.

In exterior design the Irish Jeyes factory is one of the most pleasing of its kind around the capital. The main buildings in red brick are set off by handsome entrance gates and a floral avenue. Inside, fluorescent lighting, a colour scheme of green and cream, and a complete absence of smoke, noise or dust combine to produce a workplace pleasant for the staff and suited to the products. The front block is constructed so that it can be enlarged without impairing the harmony of the design.

The main building is given over to reception and general offices, board room, and canteen for clerical and manufacturing staffs. At the end of the hall is a laboratory where continuous tests are made of the products as they are manufactured. In the Jeyes' fluid department, bottles pass by conveyor belt from the filling to capping and labelling machines, and finally to stores and dispatch. The range of specialities packed at Finglas includes Nok liquid and powder insecticides, a floral spray for use in cinemas, etc., and sulphur candles.



General view of the bottle-filling department

TRADE NOTES

Dispensing Pack.—Continental Laboratories, Ltd., 101 Great Russell Street, London, W.C.1, announce that Uralysol is now available in a 1-lb. dispensing pack.

Theobromine. — Carnegie Chemicals (Welwyn), Ltd., Tewin Road, Welwyn Garden City, are now manufacturing theobromine and salts. They are also makers of theophylline salts.

New Pack.—Cephos, Ltd., Blackburn, have introduced a new pack and display outer for Cephos headache tablets in tubes, as illustrated.

Bonus Offer.—Details of bonus terms for Tyevite vitamin capsules, manufactured by John Tye & Son, Ltd., 547 Caledonian Road, London, N.7, are given on another page of this issue.

Malt for Cooking.—Jeffreys, Miller & Co., Ltd., Wigan, have introduced Cookie-malt, a malt extract specially prepared for use in the kitchen. Counter display cards and recipe leaflets are available.

Currency Given to Incorrect Prices.—Aspro, Ltd., Slough, Bucks, express regret to chemists and others that obsolete prices were circulated in a recent advertisement in the national Sunday Press. The prices of Aspro are unchanged.

Tenders for Disinfectants. — Prince Regent Tar Co., Ltd., Brettenham House, Lancaster Place, London, W.C.2, offer to supply (for direct dispatch under chemist's own name) disinfectants of the qualities stipulated in applications to tender for local Goverment requirements.

Transfer of Agency.—Colloidal Chemists, Ltd., 35 Bessborough Place, London, S.W.1, announce that, from November 1, the selling agency for the United Kingdom of Damaskin beauty preparations has been transferred to Sale, Tilney (Marketing), Ltd., 3 Lloyds Avenue, London, E.C.3.

Two Sets of Sales Aids.—A special set of display material has been made available to assist in selling the new waterproof variety of Elastoplast first-aid dressings. It is in addition to the sales aids already available for "fabric" Elastoplast. Both products are manufactured by T. J. Smith & Nephew, Ltd., Neptune Street, Hull.

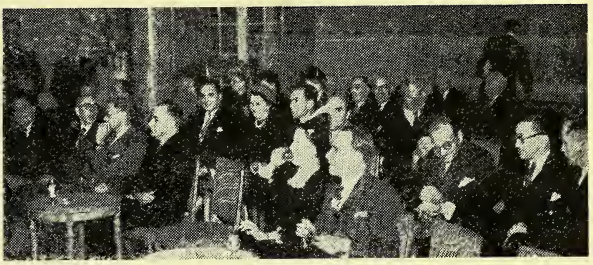
Special Offer During November.—John Wyeth & Brother, Ltd., 25 Oldhill Place, London, N.16, announce on another page a special offer of Endrine nasal compound at fourteen-to-the-dozen terms during November. Orders must be of a minimum quantity of three doz. of the 1-oz. size, and may be made either direct or through wholesalers. A fourteen days' display of a showcard is required.

Commercial-scale Production.—Watford Chemical Co., Ltd., 30 Baker Street, London, W.1, announce that they are now producing Estax 32 (penta-erythritol dipalmitostearate) on a large commercial scale. The product has similar properties to Lecithin and compares favourably with the natural product in price. Furthermore, liberal supplies of raw material for the manufacture of Estax 22H (propylene glycol monopalmitostearate) have been made available to the company by the Government department concerned; the material is similar to cocoa butter.

Window Display Service.—The Chemists Federation, 4 Queen Square, London, W.C.1, has introduced a service under which chemists' windows are dressed with C.F. preparations by a professional window-dresser. The service, which is free to the chemist, is restricted at present to businesses within the London postal district, City of Birmingham, and counties of Middlesex, Surrey, Staffs, Warwicks, Worcs, and Herefords. Further districts will be added so soon as the necessary arrangements are made. A circular available from the Federation gives the names of manufacturer members who have agreed to co-operate, the types of display available, and the method of securing the benefits of the service.

Toni cold-wave outfit (see *C. & D.*, October 23, p. 528). The carton is in a colour scheme of cyclamen and grey.

Trade Buyers' Demonstration. — Some of the trade buyers present at a demonstration held in London recently to introduce the restyled Pin-Up home cold permanent wave marketed by Pepsodent, Ltd., London, N.W.10 (see *C. & D.*, October 32, p. 529). The outfits are issued at a popular price.



Price Increase. — Glaxo Laboratories, Ltd., Greenford, announce that, owing to higher production costs, the price of Ostermilk Nos. 1 and 2 was increased on November 1. Orders for "smalls" should continue to be sent to wholesalers, but orders for 2-doz. and 4-doz. parcels should be posted direct to Greenford. The new prices allow maximum discount permissible under the Prices of Goods Act. The preparation Viteolin capsules has been withdrawn from the market. No further stocks are available.

Gastric Ulcer Treatment.—Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.1, announce that they are now able to supply Robaden preparations for the treatment of duodenal and gastric ulcers, gastritis, and duodenitis. The preparations are manufactured by Robapharm Laboratories, Ltd., Basle, Switzerland, and consist of protein-free extracts obtained from the stomach and small intestine of freshly slaughtered animals. Solutions of the water-soluble fractions of the extracts are available in ampoules for injection, and the water-insoluble fraction is supplied as coated tablets. The full treatment comprises both parenteral and oral administrations. The ampoules are of two kinds, for gastric ulcer and for duodenal ulcers. Literature and supplies are available from Messrs. Ward, Blenkinsop as sole agents in the United Kingdom and Eire.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Allen & Hanburys, Ltd.*, Folybden tablets, 100's, 72s. doz. (tax 33⅓ per cent.), inclusive retail price 11s.

Continental Laboratories, Ltd., Uralysol granules (dispensing size), 150s. doz. (tax 33⅓ per cent.), i.r.p. 20s. 10d.

Lantigen (England), Ltd. (distributors: *J. C. Gambles & Co., Ltd.*), Lantigen, 168s. doz. (tax 33⅓ per cent.), i.r.p. 25s. 8d.

Alterations to List (Part 1).—*Bayer Products, Ltd.*, Panflavin tablets, 100's, retail price should read 4s. 3d. and not as quoted in the P.A.T.A. year-book, 1948-49.

Parke, Davis & Co. The following products are now exempt from purchase tax: Aspirin tablets, 5-gr., C.T. 278, 25's, 6s. doz., 9d.; 100's, 16s. doz., 2s. Cascara sagrada extract tablets, 2-gr., S.C.T. 261, 25's, 6s. doz., 9d.; 100's, 16s. doz., 2s.

Milner & Coke, Ltd., G. O. lemon-flavoured seidlitz powders, now exempt from tax, ordinary, 32s. gross, 3d.; extra strong, 40s. gross, 4d.; double-strength, 48s. gross, 5d.

Smith, Kline & French Laboratories (sole agents and manufacturers *Menley & James, Ltd.*), Benzedrine inhaler, 18s. doz. (tax 33⅓ per cent.), i.r.p. 2s. 6d.

Clinical Products, Ltd., and *Moore Medicinal Products, Ltd.* (distributors: *Moore Medicinal Products, Ltd.*), Isobrom tablets, 25's, 34s. doz. (tax 33⅓ per cent.), i.r.p. 5s.; 100's, 118s. doz. (tax 33⅓ per cent.), i.r.p. 17s. 3d. Menopax tablets, 25's, 21s. doz. (tax 33⅓ per cent.), i.r.p. 3s. 1d.; 60's, 42s. doz. (tax 33⅓ per cent.), i.r.p. 6s. 2d.; 140's, 84s. doz. (tax 33⅓ per cent.), i.r.p. 12s. 4d. Menopax antipruritic cream, 36s. 6d. doz. (tax 33⅓ per cent.), i.r.p. 5s. 4½d. Menovo tablets, 12's, 17s. doz. (tax 33⅓ per cent.), i.r.p. 2s. 6d. Persomnia tablets, 12's, 17s. doz. (tax 33⅓ per cent.), i.r.p. 2s. 6d.; 30's, 54s. doz. (tax 33⅓ per cent.), i.r.p. 5s. Polycrest antipruritic cream, 32s. doz. (tax 33⅓ per cent.), i.r.p. 4s. 9d. Brovon inhalant, ½-oz., 63s. doz., 7s. 6d.; 1-oz., 113s. 6d. doz., 13s. 6d.; 2-oz., 220s. 6d. doz., 26s. 3d. Brovon tablets, 25's, 29s. 6d. doz., 3s. 6d.; 100's, 101s. doz., 12s. Brovon elixir, 4-oz., 50s. 6d., 6s. (all exempt from tax). Brovon bronchial mixture, 19s. doz. (tax 33⅓ per cent.), i.r.p. 2s. 9d. Brovonex, 3-oz., 38s. doz. (tax 33⅓ per cent.), i.r.p. 5s. 6d.; 8-oz., 93s. 9d. doz. (tax 33⅓ per cent.), i.r.p. 13s. 9d. Codasphen analgesic tablets (E.R.), 15's, 13s. 9d. doz. (tax 33⅓ per cent.), i.r.p. 2s.; (S), 12s. 6d. doz. (tax 33⅓ per cent.), i.r.p. 1s. 10d. Hæmovin ointment, 1-oz. tube, 25s. doz. (tax 33⅓ per cent.), i.r.p. 3s. 8d. Moneeda fruit cubes, 6's, 6s. 9d. doz. (tax 33⅓ per cent.), i.r.p. 1s.; 18's, 17s. doz. (tax 33⅓ per cent.), i.r.p. 2s. 6d. Morovin tablets, 25's, 6s. doz. (tax 33⅓ per cent.), i.r.p. 1s. Nostex tonic tablets, 42's, 19s. doz. (tax 33⅓ per cent.), i.r.p. 2s. 9d. Nostex inhalant, ½-oz., 25s. doz. (exempt from tax), 3s. Bon-Accord inhaler, plastic, 126s. doz., 15s.; glass, 92s. 6d. doz., 11s. Brovon midget inhalers, amber glass, 84s. doz., 10s.; clear glass, 75s. 6d. doz., 9s. Deedon inhaler, pocket model B, 176s. 6d. doz., 21s.

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executive of the National Pharmaceutical Union and of the directors of the Chemists' Defence Association, Ltd., took place in London on October 26 and 27, Mr. G. H. M. Graham in the chair. The most important matters under discussion were connected with the provision of pharmaceutical service under the National Health Service Act. Discussions were reported to be still in progress with the Ministry of Health on the following matters:—

(a) Arrangements for the issue of prescriptions for out-patients attending hospitals at which there are no adequate dispensing facilities, and the possible extension of such arrangements to cover medical supplies for in-patients.

(b) The difficulty in certain areas of reconciling employment in the course of rota duties with Shops Acts requirements.

(c) The fees payable, and the extent of the service to be provided, in the hiring of oxygen therapy equipment.

THE SECRETARY stated that representations had been made to the Ministry, as a result of which it had been agreed that Executive Councils should be authorised—where they were satisfied that service beyond the standard contract hours for the area was necessary to meet local requirements—to arrange what were in effect "one-man" rotas in single-chemist areas. The period of rota service to be required in such areas was to be limited to half an hour on weeknights (one hour on early-closing day and on Sunday), and payment would be authorised on that basis where the Executive Council imposed the rota-service obligation. It was understood that the Ministry would circulate the relevant instructions to Executive Councils in the near future and that, as the rota arrangements would be made at the local level, persons concerned in providing the service should contact the secretary of their local Pharmaceutical Committee on any matter arising under the arrangements.

Appliances

The Ministry was reported to be still engaged in drafting standard specifications for trusses and surgical hosiery to be supplied on prescription. As an interim measure, the arrangement was being continued to make payment at cost price plus 100 per cent. for trusses measured and fitted by the contractor. Proprietary elastic-band trusses not requiring fitting by the contractor, and spring trusses for which the fitting service was provided by someone other than the contractor sending in the prescription for pricing, would be paid for at cost price plus 33 per cent., plus fees on the Drug Tariff clause 5 (iii) basis. The basis for surgical hosiery of cost price plus the equivalent of 50 per cent. oncost was also being temporarily continued.

Resolutions on Pricing Delays

A report from the Central N.H.S. Contractors' Committee, which had met on October 26, led to an examination of the current position of the various pricing bureaux in dealing with N.H.S. prescriptions. From data supplied by the Ministry of Health, it was clear that delay in completing the pricing work was growing at a number of bureaux, despite some improvement in the staffing position. The Executive endorsed conclusions reached by the Contractors' Committee and instructed that the following resolutions should be submitted forthwith to the Ministry of Health:—

1. That the Contractors' Committee views with alarm the ineffectiveness of certain pricing offices, notably the South-western and South-eastern.

2. That one or more new pricing bureaux should be set up to deal with the large number of scripts in Southern England.

3. That all pricing bureaux should have full-time superintendents.

4. That pricing offices should be relieved of all accountancy work not connected with pricing of prescriptions and totalling.

5. That collection of official statistics and other data by the pricing bureaux staffs should be suspended until chemists' accounts for every area have been priced.

6. That the Central Pricing Committee should be vested with full authority to bring about those and any other changes necessary to remedy the present deplorable state of affairs whereby arrears of payment due to chemists extend over a period of six months in some areas.

7. That the payment on account should be increased to 2s. per prescription, retrospective to the last fully-priced month, and continue until full payment can be made, or alternatively,

a bulk payment on account, based on a previously fully-priced month, should be made.

8. That, where any balance payable to chemists has been outstanding for three months or more, the chemist should be paid 3 per cent. interest on settlement of the account.

From the data supplied by the Ministry as to the current position in bureaux, and from the Ministry's estimates of the periods necessary in the several bureau areas for completing the full pricing of a month's prescriptions, the Contractors' Committee and the Executive were satisfied that a complete breakdown in the pricing arrangements would result from insisting, in present circumstances, upon detailed pricing in full of all prescriptions; and further that, unless some adequate solution was found to current pricing difficulties, still further delays would be inevitable upon the introduction of a pricing system with dispensing fees graduated to dosage or quantities ordered in certain classes of medicaments. Whilst profoundly dissatisfied with the circumstances which make the negotiations necessary, the Executive decided to negotiate with the Ministry on methods of overtaking current pricing arrears. The Executive also decided to convene, in London on Wednesday, November 24, a further conference of representatives of local Pharmaceutical Committees to examine proposals for a modified pricing system to operate as early as possible in 1949. (The proposals for the modified system are under examination by the Ministry. So soon as official confirmation is received, full details are to be circulated to Pharmaceutical Committees and made available to the general body of contractors).

Joint Industrial Council

It was reported that the trade-union side application for revision of the minimum rates of remuneration laid down in the current agreement had been referred to the general purposes committee of the National Joint Industrial Council for Retail Pharmacy, which was due to meet on November 3. The terms of an amendment to the "annual holiday" clause in the current agreement had been agreed as follows:—

> Annual holidays with full pay shall be granted during the holiday season in each year (being the period from April 1 to October 31) on the basis of one working day's holiday for each complete month of continuous service up to March 31, subject to a maximum of twelve working days. The above holidays shall be in addition to Bank and public holidays—as defined in Clause 7 (d). Where, in addition, local customary holidays are observed, any such holidays in excess of two may be counted as part of the annual holiday. An employee leaving after a period of employment in respect of which he has not received a holiday (unless dismissed for misconduct) shall be entitled to the annual holidays accruing to him or at the option of the employer payment on the basis of one day's pay in respect of each completed month of service qualifying for holiday.

It was agreed that the amended clause should operate from November 1, 1948. The period of holiday entitlement had not been extended by the amended clause, but it cleared up difficulties which had arisen in the past owing to division of opinion on the question of holiday entitlement where an employment terminated after a period of employment but before the holiday would normally have been taken.

Chemists' Defence Association

SETTLEMENTS of outstanding claims were approved by the Chemists' Defence Association, Ltd., as follows:—£45 for damage to a car caused by acid supplied by member; £130 for personal injuries sustained on member's premises through a fall; £23 damages for destruction of clothing by liquid supplied by a member. In three cases, involving substantial claims, writs were reported to have been issued in the High Court on behalf of the claimants.

FIFTY YEARS AGO

"Field Nights" at Bloomsbury?

(*From the "C. & D.," November* 5, 1898)

THE announcement that Professor Ramsay is to lecture to the Pharmaceutical Society next week on the new gases of the atmosphere indicates that the Society is not to make the British Pharmacopœia the subject of a field-night at Bloomsbury, as has been the custom hitherto when new Pharmacopœias have been published. This is not surprising. The first B.P. was severely criticised by the Society's professors, and when one of them was appointed an editor of the 1867 edition the professoriate was silent about that work, and the rank-and-file had to take it up. The same thing occurred with the 1885 edition. Now that the rank-and-file have been represented in the revision, there is no one left to lead off criticism. . . . Two things are certain regarding the new B.P. —first, that there is a great deal of unexpressed discontent. . . . The second thing is that the contents of the new B.P. are not yet very well known.

AN EXHIBIT OF PHARMACOPŒIAS

An exhibition of ancient pharmacopœias arranged by the librarian of the Pharmaceutical Society, and on view at the first evening meeting of the Society this session (see p. 607), demonstrated the ancestry of the 1948 British Pharmacopœia, the subject of the evening's discussion.

The exhibition covered the period of the ten London Pharmacopœias (1618 to 1851), The first edition of the London Pharmacopœia, which was issued in May 1618, contained so many errors—because the compiler, Griffen, had not waited to have the sheets revised before printing—that all copies that could be found were later officially destroyed. A new edition, described as "the second birth" and "free from errors," was published seven months later. Both of these rare editions were shown at the exhibition as facsimile copies. The title page of each represents Hippocrates, Galen, Mesuë, and Avicenna in Tudor robes, supported on a pediment of the Royal Arms of James I. Examples of the third (1627), fourth (1632) and fifth (1639) editions, differing in detail in the title page, were included in the exhibit. The second London Pharmacopœia, published in 1650, during the Cromwellian republic, had a simplified title-page, with no Royal Arms or licence. Commonwealth rule, the Great Plague, and the Fire of London, depleted the funds of the College of Physicians, and the second and third issues were of a reduced size. The third London Pharmacopœia (1677), was dedicated to Charles II, and showed the Royal Arms. In the period 1721-1851, when the fourth to the tenth London pharmacopœias were published, old remedies tended to be discarded, and the pharmacopœias began to acquire some of the characteristics of modern editions.

Throughout the period, pharmacopœias had continued to be issued by the Royal College of Physicians in Edinburgh, the second in 1722 (shown) and last in 1841, while in 1807, the first (shown), and in 1850 the last official Dublin pharmacopœias were issued. The first British Pharmacopœia, issued by the General Medical Council and incorporating the London, Edinburgh and Dublin pharmacopœias, appeared in 1864.

N.H.S. PAYMENTS IN NORTHERN IRELAND

A full statement on the payment of chemists under the Northern Ireland Health Service was made in the Northern Ireland Parliament on October 26 by the Minister of Health and Local Government (Mr. William Grant). Mr. E. McAteer had asked whether the Minister was aware that payments under the National Health Acts to dispensing chemists outside Belfast were being seriously delayed; whether he agreed that five months' delay in making payment imposed a serious hardship on chemists; and whether he would take immediate steps to speed up payments in these cases. The Minister replied that he was aware that, owing to certain accommodation and other difficulties attending the setting up, for the first time in Northern Ireland, of a Drug Pricing Bureau, there had been some delay in the making of final payments for prescriptions dispensed by chemists, but chemists received provisional advances against amounts due for the early months and could expect to receive further advances in the course of a few days for all accounts submitted by them. Advances made by the Ministry some time ago had been in the hands of chemists against National Health Insurance prescriptions dispensed in May and June, and the outstanding balances under the old scheme for the period till July 4 had now been paid by the Ministry. On September 15 the Health Services Board had issued provisional payments to all chemists for prescriptions dispensed till July 31, 1948, and balance payments for this period had now been made. He understood that the General Health Services Board were to consider the making of substantial advance payments to all chemists for prescriptions dispensed in August and September. It was the Board's policy, with which he agreed, said the Minister, to avoid delays in payment and to remove hardship arising therefrom by the payment of provsional advances to chemists pending detailed pricing of prescriptions. Taking into account that final payments had now been made up till July 31 and the steps being taken to make substantial advances for August and September, he did not, in all the circumstances, regard the present position as unsatisfactory. Mr. McAteer also asked whether the Minister would adopt the suggestion of a flat rate per prescription. Mr. Grant replied that advances were already being made.

LEGAL REPORTS

Failure to Enter in Registers. — At Steyning, Sussex, recently, Harold Savage, 54 Middle Road, Shoreham-by-Sea, was fined a total of £50, with costs amounting to £6 12s. 9d., on a series of charges concerned with failure to keep records as required of transactions in Dangerous Drugs. Mr. Savage qualified as a chemist and druggist in 1905.

Acetic Acid as Vinegar.—At Old Street, London, police court, recently, Barnet Levy, Brick Lane, E.1, was summoned at the instance of the Bethnal Green borough council for selling as pure malt vinegar an article alleged to consist of coloured acetic acid. Levy joined his suppliers, Jackson Wyness, Ltd., East Barnet, in the action, and the company in turn laid an information against Fooks & French, Ltd., St. Magnus House, Monument Street, London, E.C.4. The latter company accepted full responsibility, and the other defendants were dismissed from the case. Messrs. Fooks & French were discharged under the Probation of Offenders Act on payment of a total of £42 costs.

WHOLESALERS' ACTIVITIES

A HALF-YEARLY meeting of the Association of British Pharmaceutical Industry, held at Bournemouth on October 21, Mr. C. A. O. Rideal in the chair, was attended by more than sixty representatives of member firms. Members stood in silence for a moment in token of respect for the late Mr. F. W. Gamble, who had been the first chairman of the Association. The place of the pharmaceutical industry in the National Health Service and its relation to export enterprise were among the matters discussed. Mr. H. B. Stevens was elected an honorary member. At dinner, the Association entertained Mr. J. R. Borland, a representative of the wholesale druggists' section of the Victorian Chamber of Manufacturers (donors of a golf trophy offered for competition among members of the Association for the first time on the following day). MR. BORLAND said it was essential that there should be increased friendly relationships between Great Britain and the Dominions. The hospitality he had received from the members of the Association matched the deep feelings of regard which had prompted his Australian colleagues to donate the trophy. The following trophies were handed to the winners by Mrs. Rideal after a golf tournament at Parkstone on October 22:—Bowman cup (presented originally to the Drug Club by Mr. W. P. Bowman and subsequently transferred by his wish to the Association on its formation in 1930), won by Mr. N. M. Holmes; the Morson trophy (a chased silver rose bowl presented by Messrs. T. D. and L. J. Morson), won by Mr. F. W. Paterson; the Victorian trophy awarded to Mr. A. H. Newcombe. The social committee consisted of Messrs. H. C. H. Graves, D. R. Mackie, L. J. Morson and R. L. Taylor.

THREE MONTHS OF N.H.S.

AT a joint meeting of the Bristol Branches of the National Pharmaceutical Union and the Pharmaceutical Society held in Bristol on October 21, MR. T. HESELTINE (a member of the Society's Council and of the N.P.U. Executive) spoke on the first three months of the National Health Service. After dealing with the constitution of various local and national committees and explaining their functions, Mr. Heseltine went on to discuss the negotiations which had taken place with the Ministry of Health on the subject of rota services and payment for appliances. There had been practically no complaints about pharmacists or the pharmaceutical services, he said, and the Ministry considered that pharmacy as a whole had done "a good job of work." The Ministry's only criticism had been that some pharmacists sometimes seemed inclined to ignore the particular medicine a doctor ordered, substituting a similar commodity of another manufacturer. It had been pointed out to the Ministry that in most cases the pharmacists had an agreement with the doctor that, if a certain make were not available, another of a similar nature should be substituted. Mr. Heseltine recommended that such prescriptions should be endorsed "as arranged with doctor." The Ministry could then challenge the statement if necessary.

Referring to talks on prescription pricing and payment that were in progress with the Ministry Mr. Heseltine said that pricing in full, although the ultimate aim, was at present impossible owing to the pressure of work in pricing bureaux. A new scheme of pricing that the Ministry was considering would, if adopted, considerably help the pricing bureaux and expedite payments to pharmacists.

Speech Therapists. — The sixth edition (April 1948) of the National Register of Speech Therapists is now available from the Board of Registration of Medical Auxiliaries, B.M.A. House, London, W.C.1.

IT has come to the notice of Palestine Potash Limited, who are the Sole Concessionaires for the manufacture and sale of potash, bromine and other like substances obtained from the Dead Sea, that goods which have not been acquired from the Company in the ordinary course of business, are being offered for sale as Palestine potash and Palestine bromine. Any person or Company who may be offered for purchase any of the substances referred to, are requested, in their own interests, before entering into any contracts of purchase, to communicate with the Company.

Dated the Twentyfifth day of October, 1948.

For and on behalf of
PALESTINE POTASH LTD.
G. A. STOLAR, *Secretary*

BURROUGH'S ABSOLUTE ALCOHOL
Cale Distillery London, S.E.11

TRAGACANTH
SPECIALISTS IN B.P. POWDER
SAMPLES AND PRICES ON REQUEST
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane, London, E.C.3
MANsion House 1924 & 6600. Estd. 1826

PROPRIETARIES
Advertised at the lowest on-cost at home and abroad by
Stuart Hirst Ltd.
SURVEY HOUSE, 15 BOND ST., LEEDS 1
Grams: "Consult, Leeds" Phone: Leeds 22779
A

WILCOX, JOZEAU & CO., LTD.
EUPNINE-VERNADE
ANTI-DYSPNOEIC
The original Stable Solution of Caffeine Iodide for the treatment of
ASTHMA EMPHYSEMA BRONCHITIS
WHITE LION ST. LONDON N.1
TELEPHONE: TERMINUS 3088
B

GROUND
DRIED YEAST
MIDGLEY & PARKINSON, LTD.
WARREN WORKS, PUDSEY, LEEDS

The National Association of Opticians
The next Examination for the Fellowship and Honours Diplomas will be held at Liverpool on 13th, 14th, 15th and 16th December, 1948.
The last date of entry is Monday, 15th November, 1948. *Syllabus, Entrance Forms, etc., from:—*
Secretary, N.A.O., 130 Princes Rd., Liverpool, 8

RANKIN BROTHERS & SONS
(RANKINS PARTNERS, LTD.)
139 BERMONDSEY STREET, LONDON, S.E.1
for DISPENSING
CORKS
OWNERS OF THE FINEST CORK FORESTS IN PORTUGAL

JOHNS, SON & WATTS, LTD.
J.S.&W.
THE PACKAGING SPECIALISTS
Letterpress & Litho Cartons, Folding & Rigid Boxes, Packings for Special Purposes.
2-4 EPWORTH STREET, LONDON, E.C.2
'Phone: MONarch 7408 (3 lines)

INFORMATION WANTED

The Editor would appreciate information about suppliers of the following items:

Delta teaseed oil
Spongostan

The CHEMIST AND DRUGGIST
for RETAILER—WHOLESALER—MANUFACTURER
ESTABLISHED 1859
Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, British Empire, and foreign countries
Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.
VOL. CL NOVEMBER 6, 1948 No. 3585

N.P.U. Takes Action

THE strongly worded resolutions passed by the National Pharmaceutical Union on the initiative of the Contractors' Committee, which are given in the report on p. 600, and are to be forwarded to the Ministry of Health, show that the Union now intends to act vigorously to arrest a decline in meeting chemists' accounts that is rapidly taking on the proportions of a landslide. Suspicions have in some quarters been expressed that the Executive of the N.P.U. was on occasion viewing too compassionately the shortcomings of the pricing bureaux, based on admitted staffing difficulties, but influenced by other factors also. The nature, wording, and cumulative effect of the resolutions show that members have no complaint whatever against their Executive on that score. The Union, after singling out the South-western and South-eastern areas of England as particular black spots ("development areas"?), calls for the establishment of new pricing offices to relieve the congestion, demands a full-time superintendent at each, condemns the taking-up of pricing-staff time on accountancy and statistical work not connected with the payment of chemists' accounts, and requires that the Central Pricing Office should have full authority to give effect to these changes (presumably against possible friction within the pricing bureaux). All these are valuable reforms, but it is in the two final resolutions that chemists' greatest hopes of fair treatment must reside. The first of these (No. 7 in the series of resolutions) calls for the present advance payment of 1s. 10d. to be raised to 2s., and for outstanding balances to be increased by interest at the rate of 3 per cent. With these two reforms applied, chemist contractors would—even without the others—be saved from the necessity of borrowing money from the banks at an even higher rate of interest, an injustice so palpable that it is surprising no parliamentary questioner has yet been able to make it clear to the Minister of Health. It is, to adapt a phrase, adding interest to injury. Changes along these lines should take care of the future. The existing morass, however, has also to be drained, and in this the N.P.U. seems resigned to the expedient of negotiating for a compromise policy. Upon this and the position generally the conference called for November 24 will doubtless have plenty to say.

Not Unsatisfactory?

ALTHOUGH "certain accommodation and other difficulties" attending the setting-up in Northern Ireland of a drug-pricing bureau were cited by the Minister concerned when giving a parliamentary reply in Belfast (see p. 602) to a question on delays in paying chemists in that area, the delays themselves bear a strong resemblance to those that have taken place in this country under pricing bureaux that have been long established. The questioner referred to delays of up to five months, and, as will be seen from our correspondence columns this week, delays of the same order have been occurring over here. What causes consternation is not so much the delay as the official attitude towards it. The Minister claimed that he did not consider that, "in all the circumstances, the position was unsatisfactory." Yet the circumstances, as evidenced by his reply, given on October 26, involved no payment of any sort for August and September, but only the "contemplation" of a very substantial advance payment. In other words, there is nothing unsatisfactory, in the Minister's view, in keeping chemists waiting at least three months for their money. The reaction of the National Pharmaceutical Union to a comparable attitude on the part of the Ministry of Health in Great Britain is the subject of comment above.

Proprietaries under N.H.S.

A DIFFICULT but urgent subject, that of the position of proprietary medicines within the National Health Service, has been tackled in good time in the medical Press by Mr. E. W. Godding, chairman of the standards committee of the Chemists Federation (see "Lancet," September 18, p. 465, and October 23, p. 666). In his original article Mr. Godding expressed the fear that if, for economy, the N.H.I. policy of discouraging the use of proprietary medicines were continued under the more comprehensive National Health Service, the stimulus of research work by the pharmaceutical industry would be destroyed. He urged that an independent body representing medicine, pharmacy and other sciences should be appointed to advise the Minister of Health as to which proprietary medicines showed a "significant therapeutic advantage" over pharmacopœial preparations. Medicines that showed such an advantage should be prescribed within the Service under their proprietary names. That system, he suggested, would provide for the manufacturers of "ethical" preparations financial rewards for research until the new preparations were absorbed into the B.P. The income, however, might not prove sufficient to ensure the continuing application of the industry's efforts to research, and additional incentives might have to be considered. Among these might well be protection for manufacturers' trade names. Medicine has been well and (as Mr. Godding rightly points out) "often brilliantly" served by the pharmaceutical industry. This is obvious from even a casual glance at the index of the B.P., 1948, for example, where such items as sulphonamides, new antimalarials, vitamins, hormone analogues, anæsthetics, analgesics, sedatives, surface active agents and emulgents so often show evidence of the research by the workers employed by manufacturers. For the industry's expenditure on this research, financial recompense is necessary.

Obviously a middle way must be found which will satisfy the need for adequate remuneration by the manufacturer, and, on the other hand, for reasonable drug-bill economy by the State. Neither Mr. Godding, nor Dr. A. Forster, who criticises Mr. Godding's article and the efforts of the Chemists Federation ("Lancet," October 9, p. 585), attempt to provide the complete answer, but both are agreed on the need for an independent advisory body. Both also mention the Council on Pharmacy and Chemistry of the American Medical Association as an example of an organisation which undertakes the duty of "recognising" ethical preparations. Though the American body maintains a high standard (its rules, for example, occupy some thirty-two pages, $7\frac{1}{2}$ in. x $4\frac{3}{4}$ in., in small type), and probes thoroughly into the composition, identification, advertising, therapeutic claims, protected names, trade marks, etc., of preparations referred to it, its constitution and aims probably differ significantly from those required of the suggested independent body in Britain. Difficulties might be experienced, for example, in forming a body which would be considered thoroughly independent by all parties concerned, but whatever the final constitution, the body should have adequate representation of pharmacy and the industry.

A Trade Venture Worth Repeating

WHEN the British Exhibition in Copenhagen closed in October, the number of visits recorded touched the million mark. Day-by-day throughout the fortnight of the Exhibition there had been long queues—longer, apart from great sports occasions—than ever before seen in Denmark. Sales of buyers' season tickets reached 25,000, and visitors included trade visitors from Poland, Portugal, Czechoslovakia, and even Australia, India and America. Undoubtedly the Exhibition has been a great achievement and an outstanding success.

It has, indeed, been more than a British Exhibition—it has been made the occasion for a striking expression of goodwill towards Britain. The Danish Minister for Economic Co-ordination agreed in principle to grant special import licences for goods taken to Copenhagen for the Exhibition, and the concession saved exhibitors the wasted costs of packing and transport for return of the goods. It is to be hoped that similar exhibitions will be staged in many other countries.

THE NEW PHARMACOPŒIA REVIEWED

Address by the Secretary of the Pharmacopœia Commission

Dr. C. H. Hampshire (secretary of the British Pharmacopœia Commission) gave an address (relayed by loudspeaker to an "overflow" meeting) on "The British Pharmacopœia, 1948" at the first evening meeting of the session of the Pharmaceutical Society held in London on October 28. The address formed the introduction to a course of lectures to be given by specialists on different aspects of the Pharmacopœia.

The selection of the drugs to be included in a new B.P. is decided principally, he said, on clinical and pharmacological grounds. Pharmaceutical knowledge is a factor, however, in deciding on the preparations in which drugs are to be presented, and on the inclusion of certain materials required for making these preparations. In selecting the drugs for inclusion the endeavour is made to produce a book which will represent the latest achievements of medical science and clinical research, while at the same time recognising many older forms of medication which are still in frequent use and still require control. The new book, for instance, contained monographs on yellow fever vaccine, typhus vaccine, heparin, methidine, dicoumarol, thiouracil, mepacrine hydrochloride, and a range of sex hormones, side by side with senna, gentian, castor oil and oil of rosemary. Before determining the scope of the book a large number of medical and pharmaceutical authorities were consulted. The proposals were submitted for comment to medical and pharmaceutical bodies and societies throughout the British Commonwealth as well as to the special committees appointed in the Dominions to deal with pharmacopœial revision, and the decisions were taken by the Commission after consideration of the recommendations received.

The subcommittee of the Committee of Civil Research made two recommendations which have influenced the general revision of the book: That the B.P. should contain only standard drugs in general use throughout the Empire, sanction for the use of particular local drugs or alternative preparations being effected by the issue of local Supplements by the Governments concerned; and that committees should be set up in the Dominions and in India to co-operate with the Pharmacopœia Commission. The result of these recommendations was that the Commission had been able to concentrate on the drugs of fundamental importance and had enjoyed the collaboration of the authorities throughout the Commonwealth. The progress made towards the "ideal Pharmacopœia", in which for each drug described a complete set of standards and tests would be given, was considerable in the B.P., 1948. One striking feature of medical practice in recent years had been the manifold increase in the administration of drugs by injection, and this had led to extensive studies of the methods of preparing in sterile form the materials required for injection. Full use of the accumulated knowledge and experience had been made in the preparation of the new Pharmacopœia. Of the many forms for the administration of drugs by mouth, the tablet was probably by far the most extensively used, and the Pharmacopœia had provided for this by including a large number of monographs defining and controlling this class of preparation. Capsules had been deferred for future attention.

Notes on the Monographs

From the crude drugs of the previous B.P. there had been eleven deletions. Among the most important of these was cinchona, a drug which was now regarded only as a source of quinine. Tinctures and extracts were therefore not now approved. There had been no additions to the crude drugs section, but the monographs in that section contained very fully developed descriptions of macroscopical and microscopical characters. There was a special section on powders. The monographs had not been better done in any other pharmacopœia.

Among the galenicals and preparations, distilled aromatic waters and fresh infusions (except those of quassia and calumba) had been deleted. Plasters were deleted as they could be made much more successfully on a manufacturing scale. Liquor quinininae ammoniatus had been deleted as a result of the general decision to regard quinine as an antimalarial only, and Easton's syrup deleted as it was regarded as little more than a preparation of strychnine. Under the heading of tablets there was a general monograph giving the general processes of: Moist granulation, dry granulation and preliminary compres-

sion. The standards for the weight of the drug were calculated usually on twenty tablets. Tolerances had been widened for smaller samples.

Many hormone preparations had been added. They were assayed chemically where possible.

Of the ointments deleted, unguentum acid. tannic. had been replaced by unguentum hamamelidis, and unguentum chrysarobini by unguentum dithranol. Unguentum penicillini had been added. Of the changes in ointments made during the war, those which minimised the use of edible fats and oils had been retained. The present range of bases had been designed by a committee of dermatologists and pharmacists to give the following types:—Fatty, paraffin, oil-in-water emulsion, and water-in-oil emulsion. For the oil-in-water type, emulsifying wax, emulsifying ointment and hydrous emulsifying ointment could be used. For emulsifying wax, cetostearyl alcohol and sodium lauryl sulphate were described, but these were not the only formulas permitted. For the water-in-oil type of base, wool alcohols, introduced in B.P., Addendum VI, were retained. Lard and oils were replaced wherever possible by simple ointment. Paraffin ointment was retained. The amount of boric acid in the official ointment had been reduced from 10 to 1 per cent. This was because the ointment was used solely as a protective, and for this purpose it was equally efficient with 1 per cent. as with 10 per cent. of acid.

Official Injections

The formulas of the official injections had been chosen so as to be suitable to the dispensing pharmacist and the manufacturer. Thermostable substances were sterilised by autoclaving (or filtration with a subsequent sterility test), while thermolabile substances were dealt with by sterilising by heating with a bactericide, or filtration, or by dissolving the sterile drug in water for injection. Tyndallisation was no longer recognised.

The organic chemicals could be grouped into the barbiturates, sulphonamides, local anæsthetics and miscellaneous chemotherapeutics such as pethidine hydrochloride, dicoumarol, thiourea, thiouracil, nikethamide, leptazol, mepacrine hydrochloride and pamaquin.

The sections relating to penicillin complied with the regulations made under the Therapeutic Substances Act and were in accord with the state of knowledge at the time the Pharmacopœia was completed. The preparations of the drug were cream, injection, oily injection, lozenges, ointment and sterilised cream.

In the section on antitoxins, vaccines and biologicals, close agreement with the Therapeutic Substances Regulations had been the guiding principle. Antitoxinum staphylococcicum, serum antidysentericum Shiga and serum antipneumococcicum had been deleted. Methods of assay had been suggested only and were not obligatory.

In the analytical section new general methods included the fluorimetric test. New methods were coming along, such as chromatography, spectrophotometry and polarography. Eventually it would be difficult to attempt to make pharmacopœias self-contained. Appendix I to the new B.P. gave a monograph on each reagent. The "specific gravity" standard had been replaced by a "weight per mil" standard.

The International Aspect

Commenting on the desirability of a uniform international system of nomenclature, Dr. Hampshire urged that the same name should, in all countries, designate a drug of the same strength and composition. Differences in national standards for widely used materials constituted a source of danger to travellers who might need to have the same prescription dispensed in different countries, not only because of the possible supply of a drug differing in strength from that to which the patient was accustomed, but also because of delays in receiving medicines that might have to be specially made or procured. Such differences, by causing confusion, were also a hindrance to the spread of medical and pharmaceutical knowledge. The formation of the World Health Organisation provided the opportunity for the resumption of work on the international aspect of pharmacy after the 1939-45 war. That organisation now included a section on pharmacopœias with an appropriate secretariat. An Expert Committee on the Unification of Pharmacopœias met regularly at Geneva. This Committee had the advantages of contact with other Committees of the World Health Organisation, notably the Committee on Biological Standardisation. Work was being pressed forward in the hope that a new International Agreement, comprising an International Pharmacopœia, will remove many of the difficulties which follow from the existence of different standards for drugs in different countries.

LARGEST PHARMACY IN THE WORLD ?

By Edward Richardson, M.A., B.Sc., A.R.I.C.

HE Montreal Pharmacy, Montreal, Canada (proprietor E. C. Duquette), claims to be the largest retail phar- acy in the world. I do not know if this true, as I believe uth America has rival [and see otnote], but when visited Montreal cently I found at the pharmacy d plenty of other ects to excite interest. The armacy, which is e of the regular ints of call for nducted bus tours the city, employs ree girls full-time take visitors und. The phar- acy is entered rough automatic- y-opening plate ass doors operated a photo-electric ell mechanism. ie ground floor (in Canada called first or) is remarkable for its type of indirect iling lighting. As I arrived in Montreal a heat wave I was also impressed by the -conditioning, which extends throughout e building.

Entrance to Montreal Pharmacy, St. Catherine Street East, Montreal, Canada. The white posts carry photo-electrical apparatus which operates the "automatic" doors.

0 Prescriptions Daily

The five stories of the building contain aff rooms, a laundry and a recreation om (in the basement). Two more stories e being added. Employees, who number o, have the use of a tennis court on the of. Six qualified and ten unqualified spensers are employed, and 300 to 500 escriptions are handled every day. Dis- ensed medicines are delivered free of iarge within a twenty-mile radius two ours after receipt, and urgent goods are metimes sent into remote parts of Canada aeroplane. The pharmacy is open day d night, the staff working in shifts, and e name of the pharmacist on duty is dis- ayed so that the public know with whom ey are dealing.

Each sales assistant in the pharmacy has cash register which can be rotated, so at if he is serving from the front of the ounter he can spin the register round and record the sale without having to walk back to his place. The counters have telephones, fitted with bulbs which light up when a call comes in. The manager on duty can see by these lights if an assistant neglects to answer a call. Visual rotating files give the prices of all goods in stock, for the help of the staff.

One impressive feature which my guides pointed out was a rotating file of prescriptions placed in the middle of the shop floor. With the help of a girl who deals solely with the file, any prescription may be found instantly. A two-hour photographic D. and P. service is provided. The Montreal Pharmacy has no soda fountain.

[A drug-store opened at Los Angeles, U.S.A., is also claimed to be the largest in the world.—EDITOR.]

Cattle Trypanosomiasis in the Sudan.—Over 350,000 cattle in the Sudan have been treated with dimidium bromide (Phenanthridinium 1553) by Evans ("Veterinary Record," August 28, p. 418), who reports that the mortality from trypanosomiasis was reduced from alarming proportions to negligible numbers. Relapses were encountered, but very few of the cases showed clinical symptoms of infection. The dosage used was 1 mgm. per kilo of body weight injected subcutaneously.

DUTCH QUININE PRODUCTION

THE agency of the Netherlands quinine manufacturers' association in Amsterdam, the Kina Bureau, reported recently that a new cinchona agreement had been signed, similar in content to previous agreements. Dutch production of quinine is stated to be now approaching pre-war levels. Of the three factories which produced quinine prior to the war, the Nederlandsche Kininefabriek, N.V., in Maarssen, and the Amsterdamsche Chininefabriek, N.V., in Amsterdam, are again in operation and the third factory, the Kininefabriek Argasari, N.V., in Graveland, expects shortly to begin production. Manufacturers state that cinchona bark supplies in Holland will soon be satisfactory as the most important plantations in Java are again in production.

Imports and Exports

Holland imported a total of 324,000 kilos of cinchona bark during January, the entire quantity coming from the Netherlands Indies. Imports of cinchona bark in 1947 amounted to 2,184,800 kilos, against 6,068,000 kilos in 1939. Imports of quinine and related products into Holland increased to 1,044,000 kilos in 1947, compared with only 85,000 kilos in 1939. Imports in 1947 were purchased almost entirely from the Netherlands Indies.

Re-exports of cinchona bark from Ho land in 1947 totalled 77,000 kilos in con parison with 4,662,000 kilos in 1939. I January 1948, no bark was exported, b sales abroad of quinine and salts aggr gated 20,000 kilos, valued at 1,691,oc guilders. The most important buyer w the Soviet Union (11,000 kilos, valued 1,041,000 guilders). Other principal bu ers included the United Kingdom, Franc India, Argentina and the United States.

Exports of quinine and products in 194 totalling 389,000 kilos, amounted to slight more than half the 1939 figure of 645,oc kilos. The chief purchasers in 1947 we the United Kingdom, Turkey, India, an the United States.

The cinchona-bark auction has not bee reopened since the end of the world wa nor is it likely to reopen in the ne future. The price in June of ba (*Cinchona succirubra*) was reported $U.S. 1.05 per kilo for pipes or quills base on a quinine sulphate content of 5 p cent. The prices of other varieties (branc bark, coarse and dust; stem bark, piec and dust; cuttings; root bark) are base on the above price and vary according the content of quinine alkaloid. An e port duty of 20 per cent. is now impose by the Netherlands Indies Government c cinchona bark

WORK OF THE STATUTORY COMMITTEE

AN account of the work of the Statutory Committee of the Pharmaceutical Society was given at a meeting of the Dartford Branch of the Pharmaceutical Society on October 21 by Mr. F. W. Adams (deputy secretary of the Society).

Origins and Scope

The Statutory Committee had been described as the disciplinary tribunal of pharmacy, said MR. ADAMS, and it dated from the Pharmacy and Poisons Act, 1933, which required all practising pharmacists to be members of the Society. Before 1933 it had been possible for the name of a chemist and druggist or a pharmaceutical chemist to be removed from the register by direction of the Privy Council under the Poisons and Pharmacy Act, 1868. In addition, under the Royal Charter of 1843, persons could be expelled from membership of the Society at a meeting of the Council. There had been, however, no regulations governing the restoration of names. The Committee, continued Mr. Adams, was a committee of the Society s up by order of the Privy Council to mai tain a certain standard of discipline an integrity in the pharmaceutical professio It consisted of a chairman, with leg qualifications, appointed by the Priv Council, and five other members (n necessarily pharmacists) appointed by th Society. One member must be resident i Scotland. If a registered pharmacist we convicted of a serious criminal offence tha in the opinion of the Committee, rendere him unfit to be on the register, the Co mittee, providing the chairman agree could order his name to be removed. Th Committee could disqualify a body co porate, or any of its members, as auth rised sellers of poisons if convicted of a offence under the Pharmacy Acts, and could order the premises of a body co porate to be removed from the register c premises. A stay of execution of any orde was granted for three months to allow a appeal to a High Court, but such a appeal was usually unsuccessful. The deci

n of the Statutory Committee was con-
ered almost absolute. The Committee
d powers to restore a pharmacist's name
the register, to cancel disqualification
a body corporate as an authorised seller
poisons, and to restore premises to the
gister of premises.

All legal convictions of pharmacists and
rporate bodies were reported to the
atutory Committee, but only serious
minal offences were considered to
rrant an inquiry. At a public inquiry
member might state his own case or be
gally represented. The Committee, after
nsideration of the case, retired to con-
er its verdict. It might then (1) remove
e person's name from the register; (2)
ue a warning; or (3) take no action.
otices and reports of inquiries did not as
rule mention any names unless the
mes were ordered to be removed from
e register.

Cases Summarised

A summary of cases dealt with up to 1947, said Mr. Adams, showed that there had been nineteen cases of fraud or stealing, as a result of which six names had been removed. In sixteen cases of offences under the Pharmacy and Poisons Act, the names of only two persons had been removed. Eight names had been removed for offences under the Abortifacients Act, and two for drunkenness. Warnings had been issued for several offences against the Limitation of Supplies Order, for wrong dispensing of prescriptions, and for the lending of names for advertisements relating to the prescribing of drugs for certain incurable diseases. The main function of the Society, as a professional organisation, was the control of suitable entrants by examination and registration. The Statutory Committee enabled the Society to maintain the reputation of the profession.

COMING EVENTS

Secretaries of pharmaceutical organisations are invited to send copies of their programmes to the Editor for publication of items under this heading.

Monday, November 8

RROW BRANCH, PHARMACEUTICAL SOCIETY, Oak Hall, Baptist Church, College Road, Harrow, at 7.30 p.m. Discussion on "The Future of the Employee Pharmacist in the Profession."

ERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Red Cross Rooms, Common Hall, Hockins Hey, at 7.30 p.m. Dr. F. A. Barrie on "Bacteria and Disease."

Tuesday, November 9

ADFORD BRANCH, PHARMACEUTICAL SOCIETY, Cambridge House, Bradford, at 7.30 p.m. Film show.

EDS BRANCH, PHARMACEUTICAL SOCIETY, Strafford Arms, Wakefield, at 8 p.m. Film show presented by Mr. R. C. Duffin.

ORTH LONDON PHARMACEUTICAL ASSOCIATION, North Finchley, Library Hall, Ravensdale Avenue, London, N.12, at 7.45 p.m. Dr. G. R. Boyes on "The Pharmacology and Therapeutics of New Drugs."

HARMACEUTICAL SOCIETY OF IRELAND, Dixon Memorial Hall, Trinity College, Dublin, at 8 p.m. Mr. C. Beaven, Ph.C., A.R.I.C., on "Modern Conceptions of Drug Action."

Wednesday, November 10

HARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.2, at 8 p.m. Professor H. Berry on "The Pharmaceutical Preparations of the British Pharmacopœia, 1948."

UNDEE AND EAST AND CENTRAL SCOTTISH BRANCH, Pharmaceutical Society, Royal Hotel, Castle Street, Forfar, at 5.45 p.m. Tea, followed at 7 p.m. by an address by Mr. H. A. Perkin, Ph.C. on the B.P., 1948. (Coach leaves Lindsay Street, Dundee, at 4.45 p.m.; returning from Forfar at 9.20 p.m.; cost 4s. each.)

LASGOW AND SOUTH-WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, 220 St. Vincent Street, Glasgow, at 7.30 p.m. Mr. W. A. Beattie, M.P.S. (clerk, N.H.S. Drug Accounts Committee (Scotland)) on "Some Aspects of Pharmaceutical Service."

NATIONAL ASSOCIATION OF OPTICIANS, Midland Hotel, Manchester, at 7 p.m. Annual dinner and dance.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND, Lecture theatre, Ministry of Agriculture, Elmwood Avenue, Belfast, at 8 p.m. Mr. C. Beaven, Ph.C., A.R.I.C., on "Modern Conceptions of Drug Action."

Thursday, November 11

BRISTOL BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Broad Street, Bristol, at 7.15 p.m. Quiz contest on non-pharmaceutical topics between members of the branch and students of the Merchant Venturers' Technical College.

CHESTER BRANCH, PHARMACEUTICAL SOCIETY, Blossoms Hotel, Chester, at 8 p.m. Mr. J. G. A. McSorley, M.B., B.Ch., B.A.O., M.R.C.P., on "Anæmias."

MANCHESTER PHARMACEUTICAL ASSOCIATION, and MANCHESTER BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, St. Mary's Hospital Lecture Theatre, Manchester, at 7.45 p.m. Mr. D. G. Ardley, M.P.S., on "Recent Advances in Drug Therapy."

CHEMICAL SOCIETY, Burlington House, Piccadilly, London W.1, at 7 p.m. Professor C. E. H. Bawn, Ph.D., on "The Structure and Reactivity of Free Radicals."

Friday, November 12

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION, Central Hotel, Birkenhead, at 7.45 p.m. Address and film show by Mr. T. Vernon Parry, F.N.A.O. (president, National Association of Opticians).

THE CINEMA IN INDUSTRY

By P. J. White, M.P.S., F.S.M.C.

THE use of industrial films is so widespread that many manufacturers who have paid little attention to them in the past are now thinking "How could films help my business?" Broadly speaking there are three main groups which can be approached through the medium of the film. They are:

1. PERSONS WITHIN THE INDUSTRIAL ORGANISATION: Either to give them direct instruction or to improve internal relations
2. THOSE OUTSIDE THE ORGANISATION: As a selling agent, either by appealing direct to the public or providing the retailer with information and advice; for purposes of publicity or prestige.
3. AGENTS OR BUYERS ABROAD: Films have several advantages in export promotion in addition to their use in overseas countries in any or all of the functions listed above.

Relation to Other Media

It may be argued that all these objects may be achieved in other ways—through training on the job, or in a staff-training school, by production conferences, by Press, posters, and other forms of publicity. That is true, and the cinema is not to be regarded as a substitute for those other methods. Indeed, if it is to exert its full force, the film should be backed up by other visual aids, such as film-strips, photographs, posters, the blackboard and the practical demonstration. If the whole campaign is planned intelligently, so as to use each method when it is most useful, then the addition of a film gives the scheme a force and incisiveness static media can never attain.

The same film may sometimes be useful in conveying the required message or information to all the groups mentioned above; on other occasions a separate film must be designed for each specific purpose. It is necessary, therefore, to be sure from the very beginning what the purpose is.

Staff Training by Film

The larger the business the greater the degree of specialisation among its employees and the greater the importance of a spirit of co-operation and harmony between the various departments. Films can help by showing each worker the other man's job, and the difficulties associated with it. A film of this kind, shown to a mixed group administrative staff and workers, provides basis for friendly discussion of comm difficulties. The problem is very much t concern of large-scale retail distributor Personnel is scattered, and it is not alwa possible to arrange a visit to headquarte for every member of the staff. Instead t cinema can bring the factory and warehou to the shop. If it gives a sympathetic pictu of both manufacturing and selling, it n only encourages co-operation between co leagues, but makes employees proud of the firm and its traditions, proud of the goo they handle, and proud of the part they pla in serving the public. Where direct instru tion is given in a staff-training departmen the film is invaluable. Suitable subjects a the manufacture and care of products an the best ways of using them; how to tre customers; a practical knowledge of com modities (photographic, surgical sundrie toilet requisites etc.), and so on. The list endless. There is so much for the junior t learn that anything that makes the learnin easier is worth considering by the employe

HALF W

Ready for the dip

blicity Films

The millions of regular cinema-goers all r the world are an attractive proposition any advertiser. Nowhere else can he find many people gathered together under nditions where there is so little distraction, l no possibility of escape. But cinema diences, and therefore cinema managers, not take kindly to advertising films. They ust therefore be amusing and entertaining ns—and last not more than two or three nutes—if they are to secure a showing public cinemas and produce results. The jority of sponsors look instead to the non-atrical field for their audience. Instead having to overcome sales resistance they l their films are eagerly sought. They ve a longer time (ten to forty-five minutes) which to present their case, and usually opportunity of using supporting sales s (pamphlets, pictures, etc.) as well. At de exhibitions visitors invariably linger at nds at which a film is being shown—but y will not stop for long. These films also uld be short and to the point. If it is ssible to build a small theatre seating enty to fifty people, they will be glad to ne in and rest their feet in comfort—and y can then be shown a more comprehensive film lasting, it may be, as little as fifteen minutes or as much as three quarters of an hour.

Doctors, dentists, nurses, pharmacists, opticians, farmers, gardeners, etc., all have professional associations that hold regular meetings, and all show films at some time or another. Many years ago an enterprising manufacturer made a film showing small shopkeepers the best way of running a business. Window-display, storage of goods, simple book-keeping and salesmanship were all demonstrated. Unobtrusively the firm's products came into the picture as they were handled by the demonstrator, and the publicity was accepted because the film was genuinely helpful.

Export Promotion

"Trade follows the film" has largely supplanted the old adage "trade follows the flag." British plans for expanding world trade include many important uses of film. Pictures solve the problem of translating technical details into idiomatic foreign speech. If words are absolutely necessary it is easy to replace the English sound-track by a foreign version without remaking the film.

A HOT WATER BOTTLE . . .

taken in the factory of a British manufacturer

nature of the artist

Adding a "de luxe" velour coat

STOCK EXCHANGE PRICES

Quotations are the average for the day stated. New securities are shown in *italics*.

£1 unit unless otherwise stated	Sept. 30 1948	Oct 29. 1948
	s. d.	s. d.
Albright & Wilson, ord., 5s. ...	28 9	30 0
Allen & Hanburys, prefd. ord. 7% cum.	32 6	32 6
Amber Chemical, ord., 2s. ...	9 6	9 6
Amber Chemical, 5% cum. pref.	25 0	25 0
Ascotts Pharmacies, ord. stock, 5s.	9 4½	9 7½
Aspro, ord. stock, 5s.	37 0	35 0
Beecham Group, defd., 2s. 6d. ...	18 1½	18 4½
Beecham Maclean Holdings 4% red. cum. pref.	20 7½	20 7½
Boake, Roberts, ord., 5s. ...	30 0	31 3
Boots (Eastern) "A" pfd. 6% cum.	31 0	31 0
Boots (Northern) "A" pfd. 6% cum.	31 0	31 0
Boots (Western) "A" pfd. ord. (7% non-cum.)	37 3	37 3
Boots Pure Drug, ord., 5s. ...	52 0	55 0
Borax Consold., defd. ord. stock	59 4½	61 10½
British Alkaloids, ord., 1s. ...	5 6	5 6
British Chemicals & Biologicals, 4% cum. red. pref.	22 0	22 0
British Drug Houses, ord., 5s. ...	9 6	9 6
British Emulsifiers, 2s.	1 0	1 0
British Glues & Chemic., ord., 4s.	20 0	20 0
British Industrial Plastics, ord., 2s.	7 0	7 0
British Optical & Prec. Eng., 5%	96%	96%
British Oxygen Co., ord. stock ...	97 6	99 4½
British Xylonite Co., ord. stock	105 0	105 0
Burt, Boulton & Haywood, ord.	25 7½	26 3
Bush (W. J.), & Co., ord. ...	82 6	82 6
Camwal, ord.	21 3	21 3
Cooper, McD. & Robertson, ord.	37 6	36 3
Cow, (P.B.) & Co., ord. stock, 4s.	16 0	16 4½
Cow & Gate, ord. stock, 1s. ...	2 6	2 8¼
Crosfield, J., & Sons, 5% cum. pre-pref.	26 3	26 3
Cussons Sons & Co., ord. stock, 2s.	18 9	18 3
Distillers, ord. stock, 4s.	27 6	28 4½
Dubarry Perfumery Co., ord., 1s.	4 6	4 7½
Dunlop Rubber Co., ord. stock ...	74 0	74 3
Energen Foods Co., ord., 2s. ...	8 0	8 0
Eno Proprietaries, 5½% cum. pref.	26 3	26 3
Eucryl, stock, 2s.	5 9	4 9
Evans Medical Supplies, ord. stock	35 7½	40 0
Field, J. C. & J., ord., 10s. ...	28 9	28 9
Fisons, ord. stock	59 0	59 0
Fisons, 4½% cum. pref.	24 0	24 0
Galloway, P. H., ord., 2s. ...	4 9	4 6
Gillette Safety Razor Co. shares (no par value)	$51.00	$56.00
Glaxo Laboratories, ord. stock, 10s.	370 0	370 0
Glaxo Laboratories, 8% cum. prefd. ord. stock, 10s.	20 3¾	20 3¾
Gossage, W., & Sons, 5% 1st. cum. pref.	26 3	26 3
Greeff-Chemicals Holdgs., ord., 5s.	14 0	14 0
Griffiths Hughes Proprietaries, ord.	30 7½	30 0
Guiterman, S., ord. stock, 2s. ...	3 0	2 6
Hampshire, F. W., stock, 5s. ...	80 0	80 0
Horlicks, stock, 5s.	30 0	30 7½
Hovenden, R., & Sons, 7% cum. "A" pref.	26 3	26 3

£1 unit unless otherwise stated	Sept. 30 1948	Oct. 29 1948
	s. d.	s. d.
Idris, "A" ord.	38 9	38 9
Ilford, ord. stock, 5s.	25 11¼	27 6
Imperical Chemical Industries, ord.	44 9	47 6
Imperial Chemical Industries, ord. cum. pref. stock	36 6	38 6
International Sponge Importers, ord. stock, 5s.	6 0	5 3
Kent, G. B., & Sons, 5% cum. ptpg. pref., 12s. 6d.	15 7½	15 7
Kershaw, A., & Sons, ord., 1s. ...	1 3	1 4
Kleeman, O. & M., ord. stock, 1s.	22 3	23 3
Laporte Chemicals, ord. stock ...	20 7½	20 7
Lever Brothers & Unilever, ord.	48 9	50 0
Lewis & Burrows, ord. stock ...	30 0	30 0
Lewis & Peat, ord., 1s.	2 7½	2 7
Liebig's Extract of Meat, ord., £5	290 0	330 0
Macleans, 4% red. cum. pref. ...	20 0	20 0
Mellin's Food, 6% cum. pref. ...	7 6	7 6
Milton Antiseptic, ord., 10s. ...	25 0	25 0
Mono Containers, 5s.	15 0	15 0
Monsanto Chemicals, ord., 5s. ...	58 9	60 0
Pears, A. & F., 5% deb. stock, irred.	130%	130%
Potter & Clarke, ord., 1s. ...	4 6	4 3
Reckitt & Sons, ord. stock ...	107 6	106 10
Rolls Razor, prefd. ord., 10s. ...	25 0	25 0
Sangers, ord. stock, 5s.	30 0	31 6
"Sanitas" Trust, ord., 10s. ...	25 0	25 0
Savory & Moore, 5½% 1st red. cum. pref. stock	23 5¼	23 5
Sherley, A. F., & Co., 8% cum. prefd. ord.	22 6	22 6
Smith & Nephew Associated Cos., ord., 4s.	18 0	18 6
South African Druggists, ord., 5s.	23 0	23 0
Southalls (Birmingham), stock, 5s.	41 3	40 0
Sternol, 8% cum. ptpg. prefd. ord., 10s.	15 7½	15 7
Stevenson & Howell, ord. stock, 5s.	25 6	25 0
Taylors, Cash Chemists, London, 6% cum. pref.	29 4½	29 4
Taylors, Cash Chemists, Trust, 6% cum. pref.	29 4½	29 4
Taylor's Drug Co., 7% "A" cum. pref.	32 6	33 1
United Glass Bottle, ord. stock ...	72 6	73 9
Veno Drug Co., 12% cum. prefd. ord.	40 7½	40 7
Virol, ord.	72 6	72 6
Viscose Development Co., ord. stock, 5s.	10 6	10 6
Vitamins, 1s.	4 3	4 0
Wesley, Harold, 5s.	15 7½	15 0
Whites (Timothy) & Taylors, ord., 5s.	36 3	38 9
Whites (Timothy) & Taylors, 7½% cum. pref.	37 6	37 6
Wright, Layman & Umney, 7% cum. pref.	31 3	31 3
Yardley & Co., ord., 4s.	58 9	57 6
Yardley & Co., "A" ord., 4s. ...	58 9	57 6

CORRESPONDENCE

Payments in Arrears

SIR,—Is it surprising that delays of many nths in payment of N.H.S. prescriptions ve caused trouble in pharmaceutical cles? Any wholesale drug house or firm chemists' valuers could price the scripts much less time, but surely the time lag its the Ministry. Thousands of pounds ich should be distributed among pharacists promptly every month are enabled earn interest for the Treasury.

PRO BONO PUBLICO.

SIR,—Like many others, pharmacists in is district are awaiting payment for serces and goods rendered under the ational Health Service. At today's date are due to receive balances for ay, June, July, August and September; gether with the complete payment for all ctober scripts. When the planners rned us to be prepared for double the lume of dispensing, did they themselves an for the extra pricing work?

SOUTH COAST PHARMACIST.

Co-ops and Multiples

SIR,—I am much perturbed at the athy of chemists towards the encroachent of "co-ops" and multiple concerns the field of pharmacy. The co-ops ecially are either buying up available armacies or opening up in new places d offering fantastic salaries to young armacists to join them. We as pharmaists possibly have ourselves to blame for lowing matters to advance so far, but is it e right attitude to say now "Ah, well, ere is nothing we can do about it"? In y opinion, no. What can chemists do? ey can simply refuse to give their serces. Young men, look to the future! either the co-ops nor any other combine ll help you to obtain a business of your n some day!

SCOTTISH CHEMIST.

Purchase Tax

SIR,—I enclose copy of a letter I have t to the Chairman of the Toilet Prerations and Perfumery Manufacturers deration of Great Britain, Ltd., in the pe that you will be able to give publity to some of the points made.

W. P. HIBBERT, *Managing Director,*
London, W.6. PICOT, LTD.

[Mr. Hibbert's letter argues that to allow ly one month's credit after the goods ve been sold in the last month of the quarter is an injustice, as it does not allow time for even 50 per cent. of the tax due in the last month to come in; and that many firms are having to meet the tax by borrowing from the bank, and are consequently paying interest on this money, although they are in fact unpaid collectors for the Government tax. He urges the Council of the Federation to press for complete abolition of the tax instead of for revision.—EDITOR].

Some N.H.S. Prescriptions

SIR,—The examples of actual N.H.S. prescriptions given by Dr. H. Davis in his address to the National Association of women Pharmacists (see *C. & D.*, October 16, p. 497) prompt me to send you the following examples which have been presented to me to dispense under the Service:—

℞

Pencillin lozenges
Mitte 25
1 bis die.

Insufflat lactose c. penicillin
50 i.u. pencillin per gm.
Mitte 30 gm.

One would imagine the practitioner was anxious to produce a pencillin-resistant organism in each case.

Penicillin eye drops
Mitte ℥iv
Sig. 2 minims in the eye b.d.

Could this be termed intelligent prescribing? The trouble now is that the nation has to pay for this folly. On the question of amount of drugs prescribed the following are revealing if not pathetic:—

Kaolin poultice, 2 lb.
White lint, ℥iv
Bandages, 3 x 2½"
(for wasp sting on little finger).

Tabs. sulphathiazole, 0.5 mgm.
Mitte 20
1 t.d.s.
(for pneumonia).

And, as a prize, the following needs beating:

Paraffin emulsion ℥i
as directed.

The patient disappeared for a few days. When next seen she had been in hospital "... as the creamy ear drops made my ear bad!!"

CUI BONO.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quant ties of standard quality. Prices of crude drugs and essential oils vary as to brand or grad

28 Essex Street, W.C.2, Nov. 3

THE principal feature of the PHARMACEUTICAL and FINE CHEMICALS markets during the past week has been an increase of ninepence per lb. in makers' rates for PHENOLPHTHALEIN, owing to rising costs of production, etc. 1-cwt. lots are now quoted at 6s. 10d. per lb., and 5-cwt. at 6s. 8d. per lb. The new prices are effective from November 1. Other price changes have included a reduction of two shillings per lb. in home-trade rates for CAFFEINE CITRATE. The new prices from November 1 are: 1-cwt. lots, 20s. per lb.; 56-lb., 21s.; 28-lb., 22s. The alkaloid and other salts of caffeine are unchanged. NICOTINIC ACID has been reduced in price from 65s. to 57s. 6d. per lb.; quantities of 14-lb. are now quoted at 55s. per lb. Home and export trade in fine chemicals continues on a moderate scale. The European payments scheme, described by the Chancellor of the Exchequer, in the House of Commons on Monday, as "the first concerted step towards the re-establishment of multilateral trading in Europe," should go a long way to remove one of the obstacles which has prevented greater trade with the Continent —scarcity of the necessary currency. Shortage of sterling has been a frequent cause of import restrictions in France, Spain, Holland and Sweden, and a number of other countries.

Trade in BOTANICAL DRUGS is described as being "patchy" with interest in such major articles as CASCARA SAGRADA and SENEGA lacking. Little, if any, supplies of CARDAMOMS are now available, and offers of ERGOT on spot or forward are difficult to find. Sudanese HENNA on spot has been reduced to 85s. per cwt., compared with the former price of 115s. It is emphasised that the price of 30s. per lb. for HYDRASTIS is for material to come forward to be processed and sold primarily for export. The Board of Trade are allowing importations from the U.S., under similar conditions, of supplies of BLACK COHOSH ROOT, BLACK HAW BARK, GRINDELIA HERB, and LEPTANDRA ROOT. A good spot trade is now passing in Alexandrian SENNA PODS at 4s. 6d. to 5s. per lb.; new supplies arrived on the market a few days ago, and the pods are bold and of good colour. Business has been done in f.a.q. Tinnevelley pods at 4½d. for old-crop and 5½d. per lb. for new-crop material. In SPICES, the majority of articles are steady but a firmer tendency is reported for CHILLIES at origin. MENTHOL has received a brisk export inquiry; spot quotations are little changed but forward prices are inclined to rise following reports from Brazil that old-crop supplies are now exhausted. A New York report gives new-season prices.

The ESSENTIAL OILS market remai quiet. The principal feature of the wee has been a reduction in quotations fo French LAVENDER OILS of one shilling p lb. Ceylon CITRONELLA has been firmer origin and it is understood that no offe for shipment are being made at presen LEMONGRASS OIL forward is slightly deare

Exchange Rates on London

Bank of England fixed rates at the ope ing on Wednesday morning were:—

Centre	Quoted	
*Alexandria ...	Piastres to £	97¼—97¾
Amsterdam ...	Florins to £	10.68—10.7
*Bombay	Pence to rupees	1-5 13/16—1-6 7/16
Brussels	Francs to £	176½—176¾
Copenhagen ...	Kroner to £	19.32—19.36
Dutch East Indies	Florins to £	10.68—10.7
*Hong Kong ...	Pence to $	1-2 15/16—1-3 1/16
Lisbon	Escudos to £	99.80—100.2
Montreal	Dollars to £	4.02¾—4.03 1/16
New York ...	Dollars to £	4.02¾—4.03¼
Oslo	Kroner to £	19.98—20.02
†Paris	Francs to £	1,061—1,06
Rio de Janeiro ...	Cruz to £	75.4416
*Singapore ...	Pence to $	2-4—2-4¼
Stockholm ...	Kroner to £	14.47—14.50
Zurich	Francs to £	17.34—17.36

* Free market rates
†Forward francs 1 fr. either side par.

U.S. Drug and Chemical Repor

New York, October 2

OUTPUT of the majority of FINE CHEMICAL is now satisfactory. STREPTOMYCIN is i better supply as a result of increased pro duction of established makers. The unde tone of the GLYCERIN market has becom firmer following indications that syntheti production is not likely to reach a competi tive volume for some time. The norma increase in trade which usually takes plac at this time of the year has not yet full developed; this is attributed to mil weather conditions over recent weeks an traders expect demand to pick up consider ably in the next few weeks. Brazil is re ported here to be offering MENTHOL fron its new crop of peppermint oil at $17 pe kilo for January-March shipments. Thi price is equivalent to about $8.50 per lb. duty paid. While the figure is consider ably below current spot prices rangin from $9.25 to $9.40 per lb., the materia from the new crop would arrive rather lat for the heavy consuming season.

Despite reports of a 50 per cent. declin in domestic collections of BOTANICAL DRUGS, it is thought that consumption has fallen off to such an extent that supplies will be sufficient to meet demands. The downward movement of prices continued again last week with prominent declines

noted in HYDRASTIS, PAPAIN and SENEGA ROOT. Whole hydrastis declined by 20 cents per lb. to $4.25 on the inside; powdered papain was cut by 75 cents per lb. at $2.85; and senega was reduced from $2.00 per lb. on the inside to $1.90. Little interest from abroad is reported for hydrastis or senega. VANILLA BEAN prices are expected to go higher and supplies are expected to decline, according to trade reports. The French Government's failure to carry out its stabilisation programme for the Madagascar industry together with late reports indicating a considerably smaller Mexican crop, are given as the reasons for expecting firmer conditions.

The downward price trend on the ESSENTIAL OILS market widened during the past week and there was no indication of an improvement in demand. If the United Kingdom entered the market for PEPPERMINT OIL, a complete reversal in the downward price trend of this item would probably occur.

Pharmaceutical Chemicals

ADRENALINE. — B.P. is quoted from 5s. 6d. to 6s. per gm. for natural and 2s. to 2s. 6d. for synthetic; racemic, 2s. per gm.

AMMONIUM CHLORIDE, B.P. — Makers quote 1-cwt. lots at 9½d. per lb.

AMPHETAMINE.—Quotations for BASE and SULPHATE are at from 130s. to 140s. per lb. *d*-AMPHETAMINE is available at 17s. per oz.

ATROPINE.—Makers' rates per oz. are: ALKALOID, 41s. 3d.; 4-oz., 40s. 9d.; 25-oz., 40s. 3d. SULPHATE, 32s. 9d.; 4-oz., 32s. 3d.; 25-oz., 31s. 9d.

BENZOIC ACID.—Makers' quotations are 2s. 5d. to 2s. 9d. per lb. for B.P., with technical grade, 2s. 4d. to 2s. 7d. SODIUM BENZOATE, 2s. 5d. to 2s. 8d.

BORAX.—Makers' current prices are: B.P. quality, granulated, £38 per ton; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in 1-cwt. bags, delivered carriage paid in Great Britain in 1-ton lots and upwards. Terms quoted do not apply to Northern Ireland.

CAFFEINE.—Makers' prices per lb. are: ALKALOID, anhydrous, from 34s. 6d. to 39s. 6d., and B.P. from 32s. 6d. to 37s. 6d. CITRATE, B.P.C., 19s. to 24s.; SODIUM BENZOATE, B.P., 21s. 6d. to 26s. 6d.; SODIUM SALICYLATE, B.P.C., 22s. 3d. to 27s. 3d.; SODIUM IODIDE, 26s. to 30s. Assorted contracts may be booked (excluding caffeine sodium iodide) for not less than 5-cwt. lots over six months. Containers: 14-lb. tins and upwards, free; 1-cwt. kegs or cases, free for export, home trade charged extra (returnable). Carriage paid on net invoice value of £20 or more.

CARBROMAL. — Imported material is offered at about 33s. 6d. to 35s. per lb., ex warehouse.

DIGITALIN. B.P.C.—Current quotations are from 9s. to 11s. 6d. per gm.

ETHER.—Makers' prices per lb. are: ANÆSTHETIC, 1 cwt., 2s. 10d.; 72-lb., 2s. 11½d. B.P., 5 cwt., 2s. 1½d.; less, 2s. 3½d. TECHNICAL, 1½d. per lb. less than B.P. The foregoing rates are for ether packed in winchesters. In 1-lb. bottles prices are 2½d. per lb. more.

HYOSCINE HYDROBROMIDE. — Makers' prices are from 115s. to 125s. per oz., according to quantity.

ICTHAMMOL, B.P.—Supplies in drums are quoted from 3s. to 3s. 6d. and upwards; in 28-lb. tins, 3s. 9d. to 3s. 10d.; in 1-lb. tins, 4s. to 4s. 6d. per lb., as to seller.

IODIDES.—Prices (per lb.) of minor iodides are as follows: AMMONIUM, B.P.C., 7-lb., 15s. 9d., smalls, 16s. 3d.; ARSENIC (triiodide), 28s. 6d.; CADMIUM, B.P.C., 22s.; CALCIUM, B.P.C., 19s.; ETHYL, 28s.; IRON, B.P.C., 14s.; LEAD, B.P.C., powder, 18s.; LITHIUM, B.P.C., 20s. 3d.; STRONTIUM, B.P.C., 18s. 6d.; ZINC, B.P.C., 19s. 3d.; MERCURIC, B.P., 7-lb., 14s. 3d., smalls, 14s. 9d.; MERCUROUS, B.P.C., green or yellow, 7-lb., 18s. 6d.; smalls, 19s.

ISOPROPYL ALCOHOL. — Makers quote 15s. 3d. per gall. for small lots.

MAGNESIUM TRISILICATE (B.P.).—Prices (per lb.) in the home trade are unchanged. Containers in brackets. 28 lb. to 1 cwt., 4s. 4d. (1-lb.); 4s. 3d. (2-lb.); 4s. 2½d. (4-lb.); 4s. 1½d. (7-lb.); 4s. 1d. (14-lb.); 4s. (28-lb.) per lb. Bulk quantities range from 3s. 2d. to 3s. 4d. per lb. in 28-lb. packages, as to quantity, carriage paid.

PARALDEHYDE.—Rates for B.P. material are as follows: 5 carboys, 1s. 5d. per lb.; 1 carboy, 1s. 6d.; 24 winchesters, 1s. 7½d.; 17, 1s. 8½d.; 6, 1s. 10d.; 3, 1s. 11d. per lb.

PHENOBARBITONE. — In good request. Current quotations for 28-lb. lots are at 36s. 6d. per lb. The SODIUM derivative is available at the same price as the base.

POTASSIUM PERMANGANATE. — Makers' rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over 154s. 3d.; 4 tons and over, 152s. Terms, net, carriage paid to nearest station (or port of departure for Northern Ireland), containers extra and returnable.

PYROGALLIC ACID. — Quotations for CRYSTALS are: 1 cwt., 18s. 6d. per lb.; 56 lb., 19s.; 28 lb., 20s. RESUBLIMED is 22s. 3d. per lb. in 1-cwt. lots; 56-lb., 22s. 9d.; other quantities in proportion.

SULPHANILAMIDE.—Prices are steady as follows: 5-cwt., 6s. 3d.; 1-cwt., 6s. 6d.; 28-lb., 6s. 10d.; 14-lb., 7s.; 7-lb., 7s. 9d. per lb., net; packing extra.

Crude Drugs

ACONITE.—Steady. Indian on spot is quoted at 300s. per cwt.; *Napellus*, 3s. 10½d. to 4s. 3d., duty paid.

AGAR.—Japanese strip is steady at 16s. to 18s. per lb., duty paid, according to quality and holder; forward, 14s. to 15s., c.i.f. South African powder, in tins in cases, quoted at 20s. per lb., spot.

ALOES.—Cape on the spot is quoted at from 110s. to 120s., as to quality and seller; forward, 106s. per cwt., c.i.f. for No. 1 prime. Curaçao in boxes, 200s. to 220s. per cwt., as to quality. Socotrine, 160s. to 180s. per cwt., spot.

ARNICA.—Flowers on spot are offered at prices from 1s. 9d. to 2s. 3d. per lb.

ASAFETIDA.—Persian block on spot is steady at from £15 to £24 per cwt.

BALSAMS.—Canada on spot is offered from 18s. 6d. to 19s. 6d. per lb. Pará *Copaiba* (soluble), 4s. 9d. to 5s. per lb., spot. San Salvador, *Peru*, is quoted at from 5s. to 5s. 3d. per lb., duty paid. *Tolu*, 15s. to 15s. 6d. per lb., spot.

BAY LEAVES.—Quotations are steady at from 11d. to 1s. per lb., duty paid.

BELLADONNA.—Yugoslav root is quoted at from 4s. 6d. to 4s. 9d. per lb., duty paid, as to test; English leaves are offering at from 5s. 6d. to 7s. 6d. per lb., as to test.

BENZOIN.—Steady. Sumatra block on the spot is from £14 to £16 per cwt., as to quality; Sumatra almonds, £55 per cwt. Siam free almonds, spot, £120 per cwt.

BUCHU.—Short rounds are scarce on spot at 4s. per lb. Ovals are offered at 3s. 6d. per lb., but inquiry is lacking.

CALABAR BEANS.—Steady. Spot quotations are from 10½d. to 11d. per lb.

CALUMBA.—Natural root on spot is offered at about 77s. 6d. per cwt.

CAMPHOR.—Chinese tablets are offered at from 9s. to 9s. 6d.; refined powder (B.P.), 7s. 3d. to 7s. 6d.; B.B. grade, 7s.; slabs (2½-lb.) from 7s. 3d.; crude powder, 6s. per lb., all spot London, duty paid.

CANTHARIDES.—Spot quotations are at about 8s. 3d. per lb.; shipment, 5s., c.i.f.

CAPSICUMS.—African on spot is offered at from 80s. to 130s. per cwt., as to quality.

CARDAMOMS.—Firm. The market is practically bare. Small supplies of Aleppy seeds are said to be offering at 9s. 6d. per lb., spot. No Aleppy greens are available on spot; forward, 7s. 6d., c.i.f.

CASCARA SAGRADA.—1947 peel on spot is offering at from 200s. to 210s. per cwt.; 1946, 240s. New-crop is quoted at 195s. per cwt., duty paid, ex wharf.

CASCARILLA.—A dull market. Quills are quoted at 1s. 5d. to 1s. 7d. per lb., spot; siftings, 1s. 4d. to 1s. 5d.

CASSIA PODS (*C. fistula*).—Prices of East Indian are around 65s. per cwt., ex wharf.

CHAMOMILE FLOWERS.—Belgian on spot are quoted at 4s. 3d. per lb.

CHAULMOOGRA.—*Hydnocarpus* on spot is quoted at 1s. 9d. per lb.

CINNAMON.—Spot quotations for 0000 are at from 2s. 9d. per lb.; quillings are offered at 1s. 4d., featherings at 1s. 3d., and chips at 5d. per lb.

CLOVES.—Zanzibar, spot, quoted at 10½d. per lb.; shipment, 11d., c.i.f. Madagascar, spot, 9d., duty paid; shipment, 7½d., c.i.f. Penang, spot, 2s. 9d. to 3s. per lb.

COPAL.—The Board of Trade announces that the selling prices of Manilla gum copal were reduced on November 1. The revised prices per ton net, ex store, are L.W.S., £158; soft mixed, £138; Loba C.N.E., £120; Loba mixed, £159; copal chips, £125.

DIGITALIS.—Portuguese leaves quoted at about 150s. per cwt., spot; English, from 2s. 3d. per lb. Powder, B.P., 5s. 9d.

ERGOT.—Firm. No offers of spot supplies; nominal, 5s. 6d. to 5s. 9d. per lb.

GENTIAN.—French natural is quoted at about 60s. per cwt., spot; sliced root is offered at 75s.

GINGER.—African on spot is quoted at 82s. 6d. to 83s. per cwt. Jamaican No. 1 quoted at 130s. to 132s.; No. 2, 127s. 6d.; No. 3 is nominal at 122s. 6d. per cwt., spot.

GUM ACACIA.—Fair business passing with prices unchanged. Kordofan cleaned sorts, 65s. per cwt., ex store, London; shipment, October-November, 60s., c.i.f. Bleached No. 1, 125s., ex store; to arrive, 115s., c.i.f. Talha, 45s., ex warehouse; shipment, 40s. 6d. per lb., c.i.f.

HENNA.—Sudanese leaves on the spot are easier at prices from 85s. per cwt. Indian is available at 85s. per cwt.; powdered leaf, 1s. 9d. per lb.

IPECACUANHA.—Nicaraguan root on the spot is offered at 23s. per lb. Forward prices are about 18s., c.i.f.

JABORANDI.—Spot quotations are around 75s. to 80s. per cwt., as to quality and seller.

LOBELIA.—Quota supplies are coming on the market at 4s. 3d. per lb.

MENTHOL.—Steady. Brazil on spot is offered at 45s. to 46s. per lb., duty paid; in bond, 43s. to 44s. 6d.; forward quotation, 45s. 6d., c.i.f.

MYRRH.—Steady. Aden sorts are quoted at £12 per cwt.; siftings, £6 10s. to £7 per cwt., spot.

NUTMEG. — West Indian 80's, spot, 3s. 3d.; sound unassorted, 2s. 10d.; wormy and broken, 1s. 9d. per lb.

NUX VOMICA.—Madras, spot, steady at 40s. to 42s. 6d. per cwt.; Mangalore, 40s.; Cochin, 42s. 6d. to 45s., spot.

OLIBANUM.—Fair to good drop, from 200s.; peas, from 190s.; good garblings, 160s.; seeds, 170s.; siftings, 90s. per cwt.

PAPAIN.—East African No. 1 white is offering at about 20s. to 21s. per lb., spot; Ceylon, about 16s. to 17s. per lb.

RHUBARB.—Spot prices of Chinese rough-round are from 4s. to 4s. 9d. per lb., according to fracture; wormy, 2s. 6d. to 3s. A small supply of Shensi (small flats) is available on spot at 12s. 6d. per lb. Indian rhapontic is offered at 1s. per lb.; French, 1s. 6d.

SEEDS—The market continues quiet for ANISE—Cyprus is quoted at 1s. 5d. per lb., and Turkish, 1s. 4¼d. per lb., duty paid, both spot London. CARAWAY.—Market remains firm. Dutch, on spot, quoted at £17s. 6d. per cwt., duty paid. CELERY.—Indian, 1s. 2d. per lb., spot London or Liverpool. CORIANDER. — Position unchanged. Argentine, 40s. per cwt., duty paid, spot London or Liverpool; Morocco now quoted at 40s. per cwt., duty paid in London. CUMIN.—Market inclined to be easier on spot, although shipment prices remain firm. Indian, 185s. per cwt., spot Liverpool; Cyprus, 190s. per cwt., spot London; Polish, 160s. per cwt., duty paid, spot London. DILL.—Indian, spot London or Liverpool, 47s. 6d. per cwt.; for shipment, 43s. 6d. per cwt., c.i.f., quoted. FENNEL.—Indian is 71s. to 72s. 6d. per cwt., spot London or Liverpool. FENUGREEK.—Market remains firm. Indian, spot London or Liverpool, 55s. per cwt.; Morocco, spot London or Liverpool, is also quoted at this figure, duty paid.

SENEGA.—Spot quotations are at about 9s. 6d. per lb. but there has been business done at slightly lower prices; forward, 8s. 9d. to 9s., c.i.f.

SENNA.—Tinnevelly leaves, spot, No. 1, 9d. to 1s. per lb.; No. 2, 7½d. to 8d.; No. 3, 5d. to 5½d. Tinnevelly pods, hand-picked, 9d. to 1s. 4d.; manufacturing, 4½d. to 5½d. Alexandrian pods, hand-picked, spot, from 4s. 9d. to 5s. 9d., according to quality; medium 2s. 9d.; manufacturing, from 1s. to 1s. 9d. per lb.; Alexandrian leaves, f.a.q., 1s. 2d. per lb.

TONKA BEANS.—Steady. Spot quotations are at 5s. 9d. per lb. for blacks. No frosted material is now available.

VALERIAN.—Belgian root, on spot, from 130s. to 145s. per cwt.; cut, 165s. per cwt.

WAXES.—Steady. BEES'.—Dar-es-Salaam is quoted at 350s. per cwt., spot; shipment, 300s., c.i.f. Lindi, spot, 320s.; shipment, 295s. per cwt., c.i.f. Benguela, in bond, 310s.; shipment, 300s. per cwt., c.i.f. CANDELILLA.—Spot quotations are at 385s.; shipment, 375s., nominal, c.i.f. CARNAUBA.—Prime yellow, on spot, 725s.; shipment, 690s. per cwt., c.i.f. Fatty grey on spot is offered at 470s.; shipment, 450s. per cwt., c.i.f. Chalky grey, 460s., spot; 430s. per cwt., c.i.f. MONTAN.—Reibeck, 300s., spot; Czechoslovak crude, 270s. per cwt. OURICURI.—Spot, 1 per cent., 430s.; 435s., c.i.f. SPERMACETI.—Spot supplies are quoted at 2s. 10½d. per lb.

Essential and Expressed Oils

ALMOND.—Steady. Sweet oil, B.P., is quoted at from 5s. to 6s. per lb. Bitter essential oil is offered at from 27s. 6d. to 40s. per lb., as to quality.

ANISE.—Steady. Chinese star, in drums, is quoted at 5s. to 5s. 3d. per lb., with up to 6s. for smalls; shipment, 5s., c.i.f.

CASTOR.—B.P. quality is priced at £176 per ton, naked, ex works. In 45-gall. drums, oil is quoted at 16s. 11d. per gall., carriage paid.

CINNAMON.—B.P. oil, 60s. to 70s. per lb. Bark oil is offered at 12s. per oz. Leaf oil, on the spot, 7s. to 9s. per lb.

CITRONELLA.—Ceylon is quoted at 3s. 7d. per lb., spot, forward, 3s. 7d., c.i.f., nominal. Java on spot, 7s. 6d. per lb.; shipment is quoted at 5s. 8d., c.i.f.

EUCALYPTUS.—Steady. 70-75 per cent. (B.P.), 3s. 6d. per lb. for drums, and up to 5s. for smaller quantities; shipment, 3s. 8d., c.i.f.

LAVANDIN.—Easier. Spot quotations for new-crop oil are from 7s. to 8s. per lb.

LAVENDER.—French, 38-40 per cent. is easier at 15s. to 17s., spot; 40-42 per cent., 16s. to 18s. Spanish (spike), 8s. 6d. to 10s., spot.

LEMONGRASS. — Spot quotations are around 5s. 6d. per lb. with up to 6s. 6d. for smalls; shipment, 5s. 2d., c.i.f.

ORANGE.—Sicilian bitter, for shipment, is quoted at 13s. to 13s. 6d. per lb., c.i.f.; nominal spot value, 15s. to 16s. Jamaican bitter is quoted at 15s., spot.

ORIGANUM. — Quotations are from 18s. to 20s. per lb., spot, according to holder.

PALMAROSA.—Nominal on spot at 35s. per lb.; new-crop, 29s., c.i.f.

PATCHOULI.—Singapore on the spot is quoted at upwards from 27s. to 30s. per lb.

PENNYROYAL.—Prices for spot supplies are from 18s. to 20s. per lb., as to grade.

PEPPERMINT.—English-distilled "Mitcham," is quoted at 200s. to 225s. per lb.

PIMENTO BERRY. — A steady market. English-distilled oil, from 50s. to 70s. per lb. and upwards, as to quantity and grade.

PINE.—*Pumilionis* is quoted at 17s. to 18s. per lb., spot; *sylvestris*, 9s. 6d. to 11s. 6d.

PINE NEEDLE.—Supplies on spot are offered at 18s. to 20s. per lb., for first-grade oil.

ROSEMARY.—Spanish is offered at 7s. to 9s. per lb., as to quantity and quality.

SANDALWOOD.—English-distilled, in limited supply, is quoted at 75s. to 90s. per lb.

SASSAFRAS.—Spot offers are at from 5s. 9d. to 6s. 6d. per lb.

TEASEED.—Spot supplies are offered at from 38s. to 40s. per gall. of 9 lb.

TI-TREE.—Quotations are from 8s. to 8s. 6d. per lb., according to quantity.

TRADE MARKS

(*From the "Trade Marks Journal," October* 13)

"LATIMEX"; by Stanley Electrical, Ltd., Teddington; 657,064. For scientific and photographic apparatus and instruments (9).

"AETERNA 40" on label device including pyramids and sphinx's head; by Svenska Rakbladsfabriken Aktiebolag, Grästorp, Sweden; B652,557. For shaving instruments and parts thereof, and razor blades (8).

"KENTONE"; by G. Fermor, Kenton; 661,431. For hair and tooth-brushes (21).

"ELMO"; by Osborne, Garrett & Co., Ltd., London, W.1; 664,825. For combs (21).

"PEATESE"; by Medicinal Peat Products, Glasgow; B657,336. For medicated peat paste for use in the treatment of lumbago, etc. (5).

"RETSIL"; by Scottish Co-operative Wholesale Society, Ltd., Glasgow; 662,262. For antiseptic preparations for household use (5).

"HEXACIDE"; by L. J. Pointing & Son, Hexham-on-Tyne; 660,797. For preparations containing benzene hexachloride for destroying insects and vermin (5).

"PARAFRIT," "PARACROP" and "PARAGLAS"; by Geo. Monro, Ltd., Waltham Cross; 663,722, 663,724-25. For insecticides (5).

"ETEXANE"; by Imperial Chemical Industries, Ltd., Slough; 664,420-21. For industrial and agricultural chemicals, etc. (1). For pharmaceutical substances for human and veterinary use, sanitary substances and preparations for destroying insects and vermin (5).

"RESMUL"; by Road Products, Ltd., Buxton; 664,555. For disinfectants (5).

"MURFUME"; by the Murphy Chemical Co., Ltd., Wheathampstead, nr. St. Albans; 664,827. For preparations for killing weeds and vermin, and disinfectants (5).

"SUMMIT"; by Benjamin Daniel Cowen, Glasgow; 651,883. For safety razor blades and razors (8).

"BEX"; by Halex, Ltd., London, E.4; B652,999 and B653,001. For dental plate baths and medicine cups of plastic (10); for soap cases and shaving brushes (21).

"HITEX"; by National Carbon Co., Inc., New York; 656,844. For arc lamps for use in dental, medical and surgical appliances (10).

(*From the "Trade Marks Journal," October* 20)

"TOPANE"; by Imperial Chemical Industries, Ltd., Slough; 662,978. For industrial chemicals (1).

"PASTURAX"; by Crown Corn Oil Cake & Chemical Manure Co., Ltd., Hull; B663,378. "MERGAMMA"; by Plant Protection, Ltd., Yalding; 664,861. For agricultural chemicals (1).

"OXITOL"; by Lankro Chemicals, Ltd., Manchester; 664,371. For ether-alcohols (1).

"NEUROCAPS"; by Frank Ewart Stanley Clarke, Fordingbridge; 654,644. For medicines in capsule or tablet form for the treatment of rheumatism, sciatica, etc. (5).

"IMPI" in rectangular shape; by Imperial Rubber Co., Radlett, Herts; 663,151. For surgical rubber goods, surgeons' finger cots, and whirling sprays (10).

"BENEX" in distinctive lettering; by Bristol-Myers Co., New York; 659,438. "KELDON"; by Optrex, Ltd., Greenford; 663,967. "MAMMY'S" and "NANNY'S"; by Robert Amon, London, E.C.4; 664,477-78. "RESOFOPO"; by Resofopo, Ltd., London, S.W.1; 664,639. For non-medicated toilet preparations (3).

Design of woman and fountain; by Fountain Perfumes, Ltd., London, W.C.2; 661,972. For cosmetic preparations (other than toilet preparations), perfumes, essential oils, hair lotions and dentifrices (3).

"ROTOFIN"; by Rotofinish, Ltd., London, E.C.2; 663,181. For all goods (3).

"HEMARYL"; by British Continental Drugs, Ltd., London, S.E.11; 653,242. "RESOFOPO"; by Resofopo, Ltd., London, S.W.1; 664,640. "CILOPRINE"; by Cilag, Ltd., Schaffhausen, Switzerland; 664,672. For pharmaceutical preparations and substances (5).

"RAY-TEC"; by Johnson & Johnson (Gt. Britain), Ltd., Slough; 658,144. For surgical dressings and bandages, etc., containing threads or filaments prepared from elastomers containing an *x*-ray opaque material (5).

"COLINO"; by the Colindale Paper Co., Ltd., London, N.W.9; B660,462. "SHIRE"; by H. W. Chapman, Ltd., Wellingborough; B661,648. For medicated toilet paper (5).

Cartoon of elephant; by the Geigy Co., Ltd., Manchester; 660,903. For preparations of dichlordiphenyltrichlorethane for destroying vermin (5).

"SOREX"; by Ward, Blenkinsop & Co., Ltd., London, W.1; 663,823. For preparations for destroying vermin (5).

"GLAIN" in circle; by Glain Industries, Manchester; 664,422. "AMNESONE" and "FAUNOLEN"; by the Wellcome Foundation, Ltd., London, N.W.1; 665,091 and 665,096. "IROQUIN"; by May & Baker, Ltd., Dagenham; 670,906. For all goods (5).

"GUANICIL"; by Cilag, Ltd., Schaffhausen; 664,666. For pharmaceutical preparations consisting of or containing a sulphonamide (5).

"DESULAN"; by Cilag, Ltd., Schaffhausen; 664,670. For pharmaceutical preparations with disinfectant properties (5).

"AMEUCIN"; by Herts Pharmaceuticals, Ltd., Welwyn Garden City; 665,119. For medicated ointments (5).

"VEN-VITES"; by Howard-Taylor, Ltd., London, W.C.2; 665,398. For medicated tablets (5).

"SARLIPIN"; by Bayer Products, Ltd., London, W.C.2; 667,992. For pharmaceutical and veterinary preparations (5).

"NONAD"; by Allen & Hanburys, Ltd., London, E.2; 672,330. For bandages and surgical dressings, etc. (5).

"BRITLOK"; by Soft-Line Lens Co., Ltd., London, E.C.1; 662,481. For spectacles, eyeglasses, spectacle frames, ophthalmic measuring rules, etc. (9).

"BOLLE"; by Thurgar Bollé (Successors), Ltd., Wellingborough; B671,003. For sun glasses (9).

"LUJAX"; by Lewis Jackson's Surgical Stores, London, W.2; 664,384. For surgical appliances made of rubber (10).

BURGOL
ANTISEPTIC

An Antiseptic of the Popular
"PARA-CHLOR-META-XYLENOL" TYPE

Can be recommended for general, medical and personal use. The pleasant aroma attained by incorporating Ti-tree Oil makes an instant appeal to the discriminating user.

4 oz.
Retail 1/3 each
8/6 doz.
plus P.T. ⅓rd

NON-POISONOUS
SAFE AND RELIABLE
3 TIMES STRONGER THAN PHENOL
(Rideal-Walker Test)
FORMS A CLEAR SOLUTION IN ALL PROPORTIONS WITH WATER
A WORTHY MEMBER OF THE FAMOUS
RED DIAMOND BRAND SERIES

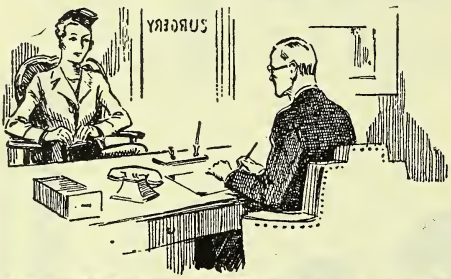
In two sizes: 4 oz. and 16 oz. Bottles.

16 oz.
Retail 3/9 each
25/3 doz.
plus P.T. ⅓rd

BURGOYNE BURBIDGES
Established 1741. & COMPANY LIMITED, **LONDON. E.6**

RED DIAMOND BRAND

PLANNED PARENTHOOD



1. Spermicidally efficient and clean in application.
2. Non-irritant and harmless to health.
3. Does not upset the vaginal pH value.
4. Free from fatty substances.
5. Keeps perfectly in tropical climates.
6. Prescribed extensively by the Medical Profession.

GYNOMIN

TRADE MARK Regd. No. UK.509162

The Scientifically balanced antiseptic and deodorant contraceptive.

RETAILS AT 3/6 PER TUBE OF 12 TABLETS

KEEP ADEQUATE STOCKS
OBTAINABLE THROUGH YOUR WHOLESALER
ETHICAL LITERATURE AND DISPLAY MATERIAL

OUR PUBLICITY WILL BRING NEW CUSTOMERS TO YOUR PHARMACY

COATES & COOPER LTD., NORTHWOOD, MIDDLESEX, ENGLAND

BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils in the world.—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA

80/85% B.P.	70/75% B.P.
Oil Euc. Dives 40/45%	Piperitone 90/95%
Oil Euc. Citriodora	Oil Euc. Phellandra

.... Phellandrene ....

UNIFORMITY OF QUALITY . CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD, LTD., 15 Philpot LANE, LONDON, E.C.3**

Phone : MANSION HOUSE 9264-5-6 **(WHOLESALE ONLY)** *Grams : WYFIELD, LONDON*

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)

ALL QUALITIES

THE BRITISH DYEWOOD COMPANY LTD.
19 St. VINCENT PLACE, GLASGOW, C.1

Telephone: CENTRAL 4425 *Telegrams: DYEWOOD*

Established 1827

T. & H. SMITH LTD

MANUFACTURING AND EXPORT CHEMISTS

WORLD RENOWNED FOR

ALKALOIDS

FINE CHEMICALS & OPIUM DERIVATIVES

Including Aloin, Atropine, Bismuth Salts, Cantharidin, Capsicin, Chloral Hydrate, Chloroform, Codeine, Cotarnine, Cryptopine, Diacetylmorphine, Dihydromorphine, Dihydrocodeine, Dihydrocodeinone, Dihydrohydroxycodeinone, Ephedrine, Ergotin, Ethylmorphine, Ethylnarceine, Gingerin, Gnoscopine, Homatropine, Hydrocotarnine, Hyoscyamine, Iridin, Jalap Resin, Leptandrin, Magnesium Trisilicate, Meconic Acid, Morphine, Narceine, Narcotine, Opianic Acid, Papaverine, Physostigmine, Podophyllin, Salicin, Santonin, Scammony Resin, Strychnine, Thebaine.

AND ALL PREPARATIONS OF OPIUM

HEAD OFFICE AND WORKS: WHEATFIELD ROAD, EDINBURGH, 11.
AND AT LONDON AND GLASGOW.

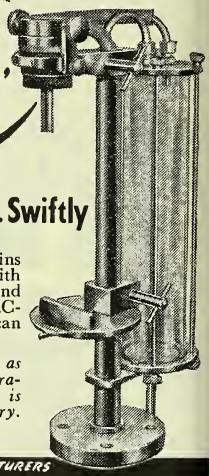
November

By November manufacturers have completed delivery of their Christmas orders and, when the large demand for exports has been met, the children at home are not forgotten. Christmas stocks are being delivered to retailers, a great nation of shopkeepers is preparing to put goods into its shop windows, and bankers make ready to meet heavy seasonal demands upon their services. Whichever side of the counter will be your concern during the Christmas shopping season, you can depend upon assistance from the Midland Bank, whose wide commercial experience is available at 2000 branches throughout England and Wales.

MIDLAND BANK LIMITED

VACFILL TRADE MARK

Fill it by 'Vacfill'



Simply... Cleanly... Swiftly

Correct filling of bottles, tins and other containers, with lotions, emulsions, oils and other liquids—the "VACFILL" Filling Machine can do the job.

The Single Head Model as illustrated is efficiently operated by the unskilled and is available for early delivery. Full details upon request.

MANUFACTURERS

BUSBY, WINTER & Co. LTD

VACFILL WORKS, 9-11 ANDOVER PLACE, LONDON, NW6.

TEL: MAIDA VALE 2867 & 5901. CABLES: VACFILL LONDON.

TAYLOR 2014

Senna

FROM OUR OWN GROWERS

Alexandrian & Tinnevelly Pods, Leaves, Siftings

John Ronaldson & Co. Ltd., 3 & 4 Crooked Lane, Cannon St., London, E.C.4 Phone: MANsion Hse 4885

PERCENTA THE CONTAINER PEOPLE

(PERCENTA LTD.)

Containers of Metal Glass, Aluminium and Plastic

Tel: Hop 0516 (6 lines)

Percenta House, 130/2 Tooley Street, London, S.E.1.

Telephone: MAN. HOUSE, 6877 5 Lines

A. REVAI & CO. LTD

7-8, IDOL LANE, LONDON, E.C.3.

PARATHYROID POWDER

THYROID POWDER

GLANDULAR PRODUCTS

RIBEX

(DUNCAN)

A pleasantly flavoured sedative and expectorant elixir for relief of coughs and colds.

Suitable for both adults and children, RIBEX contains black currant syrup effectively combined with menthol, ipecacuanha, euphorbia and tolu.

4-oz. Bottles 2/9 Purchase Tax Included

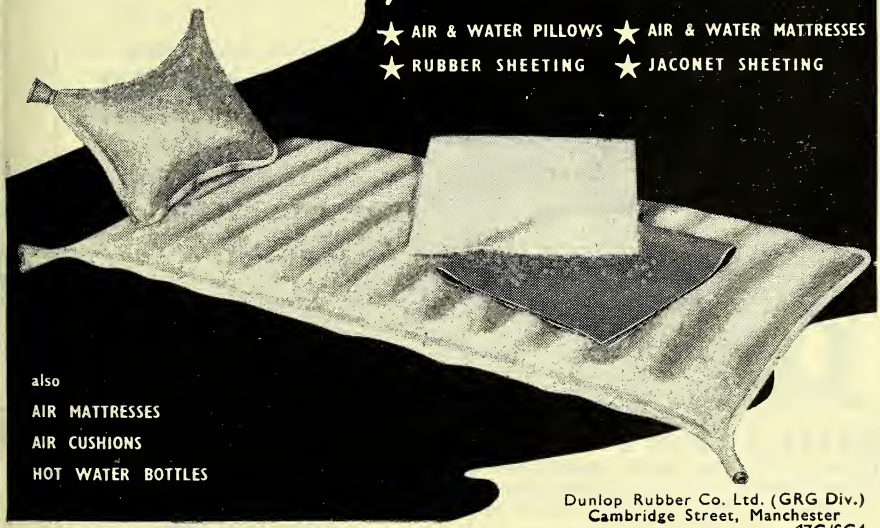
Another of the profitable Duncan Counter Lines

DUNCAN, FLOCKHART & CO. LTD. EDINBURGH LONDON

WHEN ORDERING FROM YOUR WHOLESALER . . .

specify **DUNLOP**

★ AIR & WATER PILLOWS ★ AIR & WATER MATTRESSES
★ RUBBER SHEETING ★ JACONET SHEETING



also
AIR MATTRESSES
AIR CUSHIONS
HOT WATER BOTTLES

Dunlop Rubber Co. Ltd. (GRG Div.)
Cambridge Street, Manchester
7G/SG4

GRAESSER SALICYLATES
LIMITED
Manufacturers of Fine Chemicals
SANDYCROFT
CHESTER, ENGLAND

PHENYL SALICYLATE
B.P.C.

(SALOL)

Available in the form of Crystalline Powder for which we invite your enquiries

BED SHEETINGS

HOSPITAL
BED SHEETINGS &
JACONETTES

RUBBER
AIRBEDS, CUSHIONS &
PILLOWS

for
SURGICAL & MEDICAL
REQUIREMENTS

IOCO Limited·Anniesland·Glasgow

GARDINER'S *FOR*
JACKETS

FINE WHITE DRILL, 2 coupons
Button 3, 3 Outside Pockets,
Chest—32" to 46" - 13/4
Post and packing 1 or 2—9d.

LONG COATS
WHITE DRILL, 3 coupons
3 Outside Pockets.
Chest—34" to 46" - - 18/3
" 48" " 50" - - 21/6
" 52" " 54" - - 22/6
Post and packing 1—9d., 2—1/-
ALL SHRUNK

State Chest Measurement. Send Cash and Coupons with Order, over £2 Carriage Paid.

GARDINER & CO. (The Scotch House) Ltd.
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1
Opposite Aldgate East Station 'Phone: BIS 6751 (3 lines)
Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18
CLAPHAM, S.W.11

Bush Beach & Gent Ltd.

BRITISH MANUFACTURED
POTASSIUM SULPHATE
(Commercial and B.P.C.)

COMMERCIAL GRADE 94/95% —
Practically White
Available for prompt and early forward delivery.

B.P.C. GRADE
Available for the moment in restricted quantities only. There are priority requirements.

ENQUIRIES INVITED

MARLOW HOUSE, LLOYD'S AVENUE, E.C.3

Telephones: ROYAL 7077/8/9
Telegrams: Beafredma, Fen, London
Codes: A.B.C. 5th & 6th, Bentley's, Liebers. Private, Western Union 5 letter edition, Rudolf Mosse.

THE STORY OF DDT—6

The scourge of Naples...

The greatest mass victory against typhus took place in Naples in October 1943. Naples was heavily hit by bombing and shelling. Sewage, gas, electricity and water services were disrupted; the population was existing largely in crowded and insanitary cellars and air raid shelters. Typhus was raging. Special squads of the Fifth Army, equipped with DDT dusting guns, undertook a widespread disinfecting campaign. Within three months, unprecedented success was won. The mid-winter threat of typhus in Naples was crushed and DDT/Geigy had won another great victory.

DDT Geigy DDT

THE ORIGINATORS AND PIONEERS

PHARMACEUTICAL LABORATORIES GEIGY LTD NATIONAL BUILDINGS MANCHESTER 3
STAFFORD ALLEN & SONS LTD 20 WHARF ROAD LONDON N1

353

ESSENTIAL OILS

LAVENDER
SPIKE LAVENDER
LEMON & LIME
ORANGE & ANISEED
PEPPERMINT
MENTHOL CRYSTALS
BERGAMOT ARTIFICIAL
CITRONELLA
LEMONGRASS
EUCALYPTUS
PATCHOULI

PERFUME COMPOUNDS

Produced against specific requirements.
Samples matched.
Raw Materials suitably Perfumed.

Samples and details on request

A. G. HERSOM
142a CANBURY PARK ROAD,
KINGSTON-UPON-THAMES
Tel.: Kingston 8911 *Grams.: Hersom, Phone, London*

For
CONSISTENT
Purity, Strength and Quality

POSTLIP
MILL 633
Filter Papers

EVANS, ADLARD & CO. LTD · WINCHCOMBE · GLOS.

Reliance

MOULDED SEAMLESS HOT WATER BOTTLES

THE ORIGINAL BRITISH

As the originators and largest Manufacturers of Moulded Seamless Hot Water Bottles—and with 55 years of experience in Rubber Moulding behind us, we are able to offer you the finest quality and service.

We are now producing new and beautiful products for the coming Season and we look forward to being of service to you.

Enquiries are welcome and will have our prompt attention.

RELIANCE RUBBER CO. LTD · LOTS ROAD · LONDON · S.W.10

Telephone: Flaxman 6200 and 0985/6 *ESTABLISHED 1889* *Telegrams: 'Doorstop' Fulroad, London.*

BRAZILIAN and CHINESE

MENTHOL

CRYSTALS

REFINED CHINESE

CAMPHOR

TABLETS ¼oz. and ½oz.
SLABS and POWDER

GUM ARABIC

SHELLAC, WAXES
DRUGS, CHEMICALS

ERNEST M. SINGER

5 WHITTINGTON AVE., E.C.3

Telephone : MAN. 6040-6666

IMPORT — EXPORT

IT PAYS TO KNOW ABOUT

LASTONET

Featherweight **ELASTIC STOCKINGS**

NOW AVAILABLE UNDER THE NATIONAL HEALTH SCHEME

More and more Doctors are prescribing them.

NATIONAL ADVERTISING keeps the public informed about Lastonet. Getting them to ask for it by name.

NOTHING TO STOCK! All you need is a supply of measurement forms from Lastonet Products Ltd., Tiverton, Devon, who give PROMPT DELIVERY on receipt of the completed form. **Urgent cases supplied in 3—5 days.**

LASTONET—The Ideal Surgical Stocking.

★ MADE-TO-MEASURE in thigh or knee-length, ensuring perfect fit and complete comfort.

★ COOL TO WEAR because, being net, the air can circulate freely over the skin.

★ FLESH-TONED. Lastonet is invisible under the normal stocking.

SURGICAL DRESSINGS

XANDER CARUS & SONS LTD.
dlesden Mills, Darwen, Lancs.
n Office : 41-47 Leswin Road, N.16

FACTORIES AT :
HODDLESDEN, DARWEN, BLACKBURN, ROCHDALE

always Worth While

o maintain your contacts in

NORTHERN IRELAND

by inserting your announcements in the advertisement columns of

Belfast Telegraph

The newspaper with the largest circulation and the established goodwill of the people throughout the whole of this important industrial and agricultural part of the UNITED KINGDOM

HEAD OFFICE
ROYAL AVENUE, BELFAST

LONDON OFFICE
112 FLEET STREET, E.C.4

JKL

AGAR AGAR
ALOES
ANGELICA ROOT
BALSAMS
BELLADONNA
CAMPHOR POWDER and TABLETS
CINCHONA BARK
COLCHICUM SEED
DANDELION ROOT
KOLA NUTS
LIQUORICE ROOT and JUICE
and all other Botanicals

JOHN KELLYS (LONDON) LTD.

24 OLD BROAD STREET, LONDON, E.C.2
Telephone: LONdon Wall 4882, 6585, 6586
Telegrams: "Ergotine, Stock, London."

FACT-NOT FICTION

says **ANONA WINN**

Famous Stage and Radio Star.

Miss Anona Winn is recommending AURORAL DYES in millions of advertisements in periodicals and magazines during 1948.

Less 5% for cash in 7 days

AURORAL
Cold Water Dyes
48/- gross

WINNER
Home and Stocking Dyes 24/- gross

WHITAKERS OF KENDAL

'Pharmitex' PURE TOILET TISSUE

is post w
quality and f

Chemists onl

HAROLD WESLEY LTD.
HARLEY MILLS, LONDON, N.W.10

D & P
copying
paper negs
enlarging

Return Service

Best work guaranteed and despatched the same day as it is received. So improve your service—and don't lose the profitable business in paper negs—by using Northern Centre to the fullest extent.

NORTHERN CENTRE

ARGUS CHAMBERS, BRADFORD

The finishing firm of the North

SPECIALISTS IN COLOUR WORK

"Hobson's Choice" CORN PLASTERS & POWDERS

FOR CORNS

Feet Plaisters & Powders. popular remedy gains sales successes weekly. W spread advertising assures stant demand. Have you stocks? Retail Prices :- P ters 2½d.-6½d. Powders

HOBSON TRIMB & CO., LTD.
Union House, Leeds.

TAMPAX
SANITARY PROTECTION
Worn Internally

SURE-SELLING STOCK
OVER 150 YEARS REPUTATIO
KEARSLEY'S
THE ORIGINAL
WIDOW WELCH'S PILL

9d. BOX PROFIT by ordering 1 doze 3/3½ size. Bonus box given on ever dozen (13). It pays to push this size

C. & G. KEARSLEY LTD
71 Dartmouth Rd., London, S.E.2.
Est. 1787

LI-LO

HOT WATER BOTTLES

All "Li-Lo" Hot Water Bottles are fitted with the new vulcanised closure sealed into the neck of the bottle, obviating the older method of using wire or tape sealing. Completely overcomes the problem of leaky necks which were the cause of 90% of hot water bottle failures.

"FISH" MOULDED HOT WATER BOTTLE
(A new design). Two handled bottle. Fish design. Colour: Red. Size: Approx. 13½" x 8¾".

HAND-MADE HOT WATER BOTTLE
Hand-made bottle capable of giving long, trouble-free life. Size: 12" x 8".

"VACCA" DE LUXE MOULDED HOT WATER BOTTLE
A bottle ideally suited for institutions. Heavy weight—extra large. Colour: Surgical Red. Size: Approx. 14" x 8".

"DIPLOMAT" MOULDED HOT WATER BOTTLE
Ultra modern design. High gloss surface. Size: Approx. 13" x 8".

For Trade Terms apply to:
P. B. COW & CO. LTD. 12 Hay Hill, Berkeley Square, London W1. Telephone: REGent 7401

dustria Self Adhesive
pe can now be printed
your specification in
all quantities. Write
day for technical advice
d sample materials.

★

Available in Cloth or Cellulose

★

NDUSTRIAL TAPES LIMITED
34 NEWMAN STREET, LONDON, W.1 - MUSEUM 4215-6-7

SOL-TAN

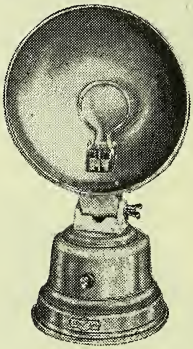
Sunshine *at will!*

A Pure Quartz Burner of Clinical Standard is fitted to this compact, portable, most efficient, beautifully finished Apparatus. Complete with Fused Connector, Flexible, D/P Switch, Operating Instructions and Guide to exposure, 1 Pair each of Childs' and Adults' Goggles. Supplied against Doctor's Certificate.

CAT. No. 100/TM

PRICE £15 - 0 - 0
(No Tax)

Our new fully Illustrated Catalogue gladly sent on request

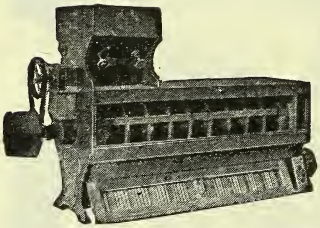


LONDON COMMERCIAL ELECTRICAL STORE
20-23 CURSITOR STREET, E.C.4 **CHAncery 6488**

L.O.E.

USED SUCCESSFULLY ALL OVER THE WORLD

For FINEST POWDERS *at* LOWEST COST



REMEMBER GENEROUSLY
SAT · NOV 6TH

All enquiries to
Wm. GARDNER & Sons (Gloucester) Ltd.
Bristol Road
GLOUCESTER, Eng.
Telephone:
Gloucester 21261
(3 lines)

GARDNER'S
Patent 'QUICK-CHANGE' *fine*
POWDER DRESSER

The RAT

... a world menace!

Brings many customers to the pharmacist for the renowned

RODINE

The Quick Rat Poison

P.A.T.A.

T. HARLEY LTD., PERTH, SCOTLAND

AND FOR YOU

SUCH SALES!

The latest addition to the Brobat range! A really effective wonder-working couponless household washer. Women—advised by Brobat Suds' intensive national advertising—are buying it and coming back for more. It's Suds for them and Sales for you if you stock

SELLING AT 8½D RETAIL

NATIONALLY ADVERTISED

BROBAT Suds

Write for special trade terms:—

Brobat Manufacturing Co. Ltd., Wandle Bank, Wimbledon, S.W.19

The Easy Way

TO INVEST MONEY

Buy National Savings Certificates the nk way—it is simple, automatic and without additional charge to you. You just sign the cial Banker's Order form which your Bank nager can now give you, authorising either a gle purchase of National Savings Certificates, a regular monthly investment. That is all you e to do—and with a stroke of the pen you will e helped to secure your own future, and your ntry's prosperity.

You can now hold 1,000 10/- units of the new rtificate, and in ten years this £500 will have wn to £650 free of tax. Secure for yourself s profitable gilt-edged investment by calling on ir Bank Manager.

AVE—*The Bank Way*

Issued by the National Savings Committee

5,000,000 Cats!

You can get your share of customers from the 5,000,000 pussy population of Britain! Pet-lovers are realising that cats need *regular* conditioning—and that means there'll be a constant demand for this new Karswood product—backed by nation-wide publicity—KARSWOOD CAT POWDERS. Stock up now to meet it!

KARSWOOD

cat POWDERS

A product of E. Griffiths Hughes Ltd. Manchester 3

HEAD PESTS

a NEW approach

A JEYES' PRODUCT

SULEO Eradicates and Prevents Head Pest Infestation *(Pediculosis capitis)*. One application will clear the most heavily infested head or will keep a clean head free from head pests for 14 days, even if contacts are made with infected persons.

3oz SPRINKLER BOTTLE
(Six treatments)

CHEMISTS FORMULA

INC 2/2 TAX

PHARMACISTS' DISCOUNT 33⅓%

SULEO
DDT HAIR EMULSION

"Every case so far treated with D.D.T. emulsion has been cured by one application. This result is to be expected, as the duration of protection with D.D.T. exceeds the incubation period of the nits." (B.M.J., 24th March, 1945.)

Manufactured for
JEYES' LABORATORIES LTD., LONDON, E.13
By the proprietors
JEYES' SANITARY COMPOUNDS CO. LTD., LONDON, E.13

NOW READY

THE BRITISH PHARMACOPŒIA 1948

★

45s. net

(Postage 1/2 Inland; 1/7 Abroad 1/10 Continental Europe)

Published for

THE GENERAL MEDICAL COUNCIL

by

CONSTABLE & CO. LTD.
10 ORANGE STREET
LONDON · W.C.2

SPRATT'S

SPRATT'S DOG MEDICINES

★ For over 80 years SPRATT'S have manufactured reliable **DOG AND CAT MEDICINES.**

★ In the newly designed packets they make a colourful display & represent today's quickest-moving line of speciality sundries.

In the attractive NEW Red & White packages!

SPRATT'S PATENT LTD.
41-47 Bow Road,
London, E.3.

Thanks to SELLOTAPE, you needn't worry any longer about that torn label on Mrs. Jones' prescription —fix it with Sellotape and the label will remain undamaged and unstained, legible during constant use. Sellotape seals bottles, jars and tins hermetically and efficiently; secures parcels and protects them from dirt, damage and pilferage. It s ideal.

Available in many widths, in colourless transparent, or a range of colours, plain or printed with your sales message.

MRS. JONES' LABEL IS SAFE NOW!

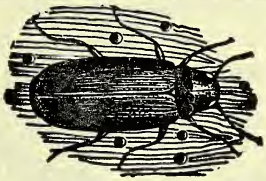
dispensers r quick, ean, econnic use.

lso supplied small rolls d dispensers r resale to e public.

Sellotape

SELF ADHESIVE CELLULOSE TAPE

GORDON & GOTCH LTD. (Dept. C.D. 9), 75/79 FARRINGDON STREET, LONDON, E.C.4.



MORE AND MORE PEOPLE ARE ASKING FOR

RENTOKIL TIMBER FLUID

THE WOOD WORM DESTROYER

Rentokil Timber Fluid is backed by extensive press advertising. The sales are rising rapidly—do you stock Rentokil Products—if not

Get your stocks now

Write to: **RENTOKIL LTD., Dept. C.D., School Lane, Fetcham, Surrey.** *Tel.* Leatherhead 4021/2

It's no gamble to stock

TOWN TALK

—the Silver Polish which ensures regular customers, to whom your other wares will also appeal

ORDER DIRECT OR FROM

MANCHESTER: D. Mawdsley & Co. James Woolley Sons & Co., Ltd.
LEEDS: Goodalls (Leeds), Ltd.
LEICESTER: E. H. Butler & Son.
NEWCASTLE-ON-TYNE Wilkinson & Simpson Ltd.
LONDON: Brooks & Warburton, Ltd. May, Roberts & Co. Ltd. Butler & Crispe.
LIVERPOOL Ayrton, Saunders & Co. Ltd.

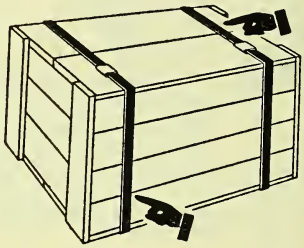
THE TOWN TALK POLISH CO. Manchester, 10

USE :—

WireBands

BANDING SYSTEM

It's speedy! It's simple!! Above all—It's Secure!!!



THESE BANDS WILL ENSURE YOUR GOODS ARE DELIVERED INTACT

WireBands

114, LANCEFIELD STREET, LONDON, W.10

Ladbroke 0725

A DELICATE SUBJECT — FOR DELICATE SKINS

The TOTTY-POT

Rubber Ringed for Cushion Comfort

Trade Mark "Totty Pot" Patent applied for

A NON-CORROSIVE ACID-PROOF HYGIENIC CHILD'S CHAMBER

Detachable ring, easily removed for cleaning purposes

Made of Aluminium

ANODISED IN SOFT PASTEL SHADE

SOLE MANUFACTURERS

J. BILLIG & SONS LTD.,

ESTABLISHED 1899

BILTIN WORKS, FONTHILL Rd. LONDON N.4.

TELEPHONE: ARCHWAY 2753 & 3858

WYLIE'S

Abrasive

HAND SOAP

It's QUICK — It's GOOD!

INVALUABLE IN THESE DAYS OF SOAP SHORTAGE

This is the scarlet and pink tin that catches the customer's eye — outstanding on your shelf, compelling in its attractiveness; WYLIE'S Abrasive HAND SOAP is kind to sensitive skins, it cleans and protects hands, making them soft and supple while gently removing grime. No grit, acid or caustic. A quality line worthy of warm recommendation. Write us now for full details.

NO COUPONS

1/3

IN THE PINK AND RED TIN

WYLIE'S CLEANSERS LTD., 12 DARTMOUTH STREET, LONDON, S.W.1

MORE THAN

1,000,000

PACKETS SOLD

EVERY YEAR!

Stock, display and sell "Scram", the ***clean,*** non-poisonous method of getting rid of mice. Constant national advertising and a nation-wide demand. Packed in attractive counter display boxes. **Retail : 1/- per packet. Trade : 3 dozen display box 25/6.**

SCRAM
THE CLEAN METHOD

ORDER NOW FROM YOUR WHOLESALER OR DIRECT FROM THE MAKERS.

SCRAM PRODUCTS LTD. (C.D.) 5 Dartmouth Park Hill N.W.5

To departmental stores in the United Kingdom

HERTS PHARMACEUTICALS, LTD.

manufacturers of Nivea Creme and other Nivea products are pleased to announce that they have appointed

MESSRS.

STOWER & OAKLEY

LTD.

8 PARK ROAD, REGENTS PARK
LONDON, N.W.1 *Tel. Paddington 2172, 6177*

as Sole Distributors of these products to Departmental Stores in the United Kingdom.

Chemists will be supplied as in the past either direct from the manufacturers or through their agents Messrs. Thos. Christy & Co. Ltd., Farnham, Surrey, or through their usual wholesaler.

Skin needs NIVEA

(1)

a profitable bonus offer

"ABECEDIN"

TABLETS

On direct orders for 2 doz. x 21 " ABECEDIN " Tablets we will give ¼ doz. bonus packs FREE. An additional 2½% discount will be allowed for Cash with Order.

The 2¼ doz. packs will be supplied in an attractive outer for Counter or Window Display.

This offer shows the following advantageous returns :—

COST :				
2 doz. at 4/3	=	£5	2	0
Less 25%	=	1	5	6
				£3 16 6
RETURN :				
2¼ doz. at 4/3	=			£5 14 9

PROFIT :
£1 18s. 3d. = { **50% on Outlay.** / **33⅓% on Turnover.**

For Cash with Order—
PROFIT = £2 0s. 2d. = { **54% on Outlay.** / **35% on Turnover.**

H. R. NAPP LIMITED
3 & 4, CLEMENTS INN, LONDON, W.C.2.

on a rapid seller

"ZEMS"

HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLETS FOR COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained from C.F. Wholesale Houses.

ZEMS LTD.

718-724 Seven Sisters Road, London, N.15

How I passed my final—

(by a modern Chemist)

Subject	Test	Observations
A new artistic Display Stand with order for 1 dozen	*Placed in window for 14 days*	*Sold out of goods*
A further supply of same goods	*Received another stand with order and placed on counter*	*Sold out again (more vigorous action)*
A cheque for £2 · 8 · 0	*Placed £3 - 10 - 0 in till apparatus in quick succession*	*This final test proves the unknown quantity to be POMADE of PERU and/ or LIQUID PERU EXT.*

Oral Exam.

Q. What are the retail prices of:—
(a) Pomade of Peru?
(b) Liquid Peru Extract?

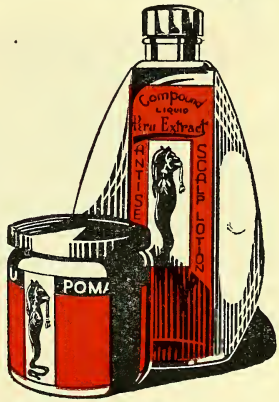
A. 2/11 and 5/- including tax.

Q. What is the Bonus?

A. 2 pots with every dozen.
(P.T. paid by the manufacturer)

Q. Has the consistency improved?

A. Yes, definitely.



Send your order now to:—

THE POMADE of PERU COMPANY
357 WANDSWORTH ROAD
LONDON, S.W.8

Telephone: MACaulay 2024

IN MATTERS CONCERNING FEMININE HYGIENE..

SHE LOOKS TO *you* FOR PROFESSIONAL ADVICE

The responsibility to give professional advice when called upon has placed pharmacy in a position of high honour and esteem. It is a service especially valued by women particularly in matters exclusively feminine. When it is a question of family limitation it is always wise to suggest Rendells. Three generations in all parts of the world have proved the original full strength formula completely dependable and recent clinical tests confirm there is no safer or better contraceptive.

Rendells

PRODUCTS FOR FEMININE HYGIENE

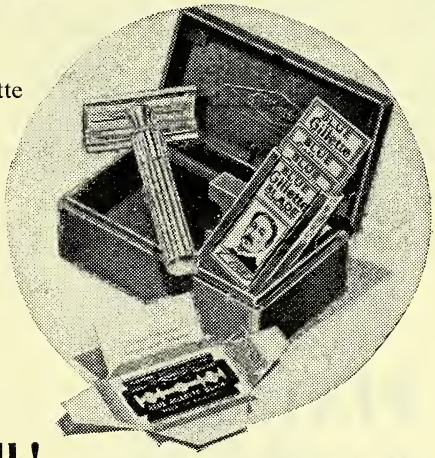
W. J. RENDELL LTD. HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1

She'll soon

be asking to see

Gillette razor sets!

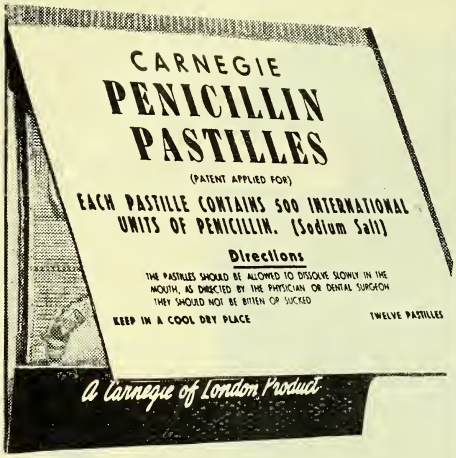
There is no doubt about that! Gillette sets always were popular gifts and now you have the full backing of Gillette Christmas advertising, featuring Gillette sets for presents. It will appear throughout the National press and there will be a special campaign in the women's magazines. You also have the selling power of your own windows . . . it's a grand opportunity to make a big thing of Gillette this Christmas.



Let her see them all!

Good mornings begin with Gillette

Trade enquiries to your usual wholesaler or direct to
Gillette Industries Limited, Great West Road, Isleworth, Middlesex



New advance in oral therapy

A gelatin base pastille of exceptional stability

CARNEGIE Penicillin Pastilles are prepared by a patented process evolved in our own Research Laboratories which has produced for the first time *a gelatin base pastille of exceptional stability.* With CARNEGIE Penicillin Pastilles there are no unpleasant side-effects such as stomatitis and "black-tongue" which are frequently associated with the usual sugar base tablet. If used correctly each CARNEGIE Penicillin Pastille will, in two minutes, produce in the mouth a prophylactic level of Penicillin which will be maintained for a period of up to four hours. CARNEGIE Penicillin Pastilles are specially packed in individual airtight compartments (as shown above) *and will retain their potency for at least one year, under normal conditions of storage, without refrigeration.*

Now available for Prescription

under the National Health Service at **Two Shillings.**

Your enquiry is invited.

CARNEGIE

PENICILLIN PASTILLES

CARNEGIE BROS. LIMITED, ESSEX ROAD, LONDON, N.1. *Telephone:* CLISSOLD 4761 (4 lines)

Sphagnol Ointment

Medical and Toilet Soaps

For all Skin Complaints

There is no shortage of these ALL SEASON LINES

Midland Distributors:—

JOHN KNOX (Stoke-on-Trent) Ltd.

KING STREET, FENTON, Stoke-on-Trent

PEAT PRODUCTS (SPHAGNOL) LTD

3 CARMALT GARDENS, LONDON, S.W.15

M.28 is a new, safe and deceptively simple preparation giving consistently positive results in relieving menstrual pain. Doctors are now prescribing this form of direct therapy.

If you have no supplies when a patient needs M28—there's one sale lost for at least 28 days.

P.A.T.A.

TRADE COST PER DOZEN	24
TAX PER BOTTLE	8
RETAIL PRICE PER BOTTLE	3/8

GYNOCLINICAL LABORATORIES LTD

17 Dartmouth Street, Westminster, S.W

This concentrated preparation of Beef Extract and Beef Protein is invaluable for supplementing the diet of growing children, as a restorative beverage in illness and convalescence and as a meat basis for cooking.

Unseasoned and free from added salt, its delicate flavour appeals where other foods cannot be taken.

Supplied only by chemists in 2 oz. & 4 oz. jars. Concentrated OXO has a high content of the important vitamin Nicotinic Acid.

CONCENTRATED OXO

REGD. TRADE MARK

OXO LIMITED (*Medical Dept.*), Thames House, Queen St. Place, London, E.C.4

Tel : CENtral 9781

MERCOLIZED WAX
for the complexion

CLYNOL BERRIES
for obesity

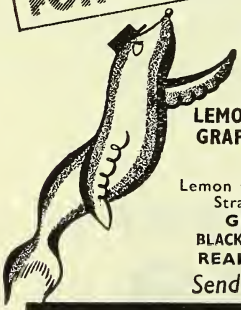
SUPPLIES NOW AVAILABLE IN ANY QUANTITY

Please send your enquiries to our Distributors :—

POTTER & MOORE LTD.
Lavender House, Seymour Road,
Leyton, E.10

DEARBORN (1923) LTD.
"KERN HOUSE," 36/38, KINGSWAY, LONDON, W.C.2

DAVIS
FOR SOFT DRINKS!



KIK
ORANGE CUP
DAVIS
LEMON SQUASH
LEMON BARLEY WATER
GRAPE FRUIT SQUASH
SYRUPS
Lemon · Orange · Raspberry
Strawberry & Vanilla
GINGER WINE
BLACK CURRANT CORDIAL
REAL RAISIN WINE
Send for Price List

PRODUCTS OF THE HOUSE OF DAVIS
Est. 1864

Distributors :
RICHARD DAVIS, LTD.
49 Old Bond St., London, W.1.

R.D.470

GLYCERYL MONOSTEARATE
Guaranteed Food and Drugs Quality

REGULAR SUPPLIES AVAILABLE
Samples and quotations upon reques

The Faylene Manufacturing Company
15 Queens Court, Lower Briggate, Leeds 1
Telephone 22594

"CRUSADE BRAND"
Glycerine Lemon Honey and Ipecacuanha
(with Glucose)

In 3 oz. Bow Panels (Plastic Caps) 8/6d. per dozen plus P.T. 33 1/3%
Retail price 1/6d. per bottle

ORDER YOUR WINTER REQUIREMENTS NOW
ORDERS FOR 1 GROSS LESS 5% DISCOUNT

J. M. SMITH & CO. (LONDON) LTD.,
Camelot St., London, S.E.15

To increase your sales!

Here is a real opportunity! Advertising for SevenSeaS this season will be stronger than ever. And there is a really fine showcard for you (17″ x 11″). Window display material, too — free of charge. Your displays have done much to increase sales in the past; and now, at last, we can help you to make your windows really striking. Don't delay. Write to-day for your showcard — for display material, too *(stating width and height of display space).*

IT WILL BRING CUSTOMERS INTO YOUR SHOP

SEVENSEAS

PURE COD LIVER OIL

British Cod Liver Oils (Hull & Grimsby) Ltd., St. Andrew's Dock, Hull

TWO CALFOS products of EXCEPTIONAL value

1

POWDER

Calfos Powder is sterilized bone calcium phosphate, prepared without the use of chemicals, and having calcium and phosphorus present in natural ratio It is pure and of constant formula. Leading British manufacturers have proved Calfos Powder to be outstandingly successful for

FOOD FORTIFICATION

2

TABLETS

Calfos Tablets have two great advantages over ordinary calcium tablets. Firstly—they are more easily assimilated, and more effective, because they contain calcium and phosphorus in *natural* proportions. Secondly—they are palatable, being pleasantly lemon-flavoured. So order now. There is a ready sale to

MOTHERS & CHILDREN

For samples and further information please write to:

CALFOS LIMITED · IMPERIAL HOUSE · KINGSWAY · LONDON · W.C

JENNER INSTITUTE GLYCERINATED VACCINE LYMPH

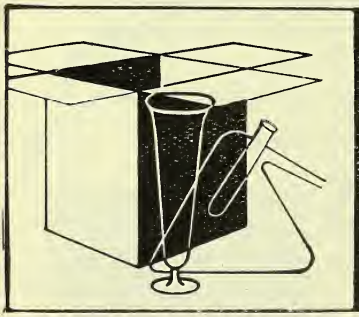
PREPARED IN ACCORDANCE WITH THE THERAPEUTIC SUBSTANCES REGULATIONS (BRITISH PRODUCT)

SINGLE VACCINATION TUBES - - - - - 10d. each ; 9s. dozen. Postage extra
LARGE TUBES (EXPORT only) sufficient for five vaccinations - - 1s. 6d. each ; 15s. dozen

JENNER INSTITUTE FOR CALF LYMPH LTD

77 BATTERSEA CHURCH ROAD, S.W.11

Telephone : Battersea 1347 *Telegrams* : "Jenvacter, Phone, London" (2 words)



SPECIAL CONTAINERS

. . . FOR SPECIFIC PURPOSES

Consult the Specialists in Cartons and Display

J. DRING LTD

Sales Office: THE AIRPORT, PORTSMOUTH

PRECIPITATED
CALCIUM CARBONATE
STURGE

A FINE CHEMICAL
FOR INDUSTRIAL USE

★

JOHN & E. STURGE LTD
BIRMINGHAM 15, ENGLAND

✚ Stops

SCURF

Dr. Pagr-Barker's

Scurf & Dandruff Lotion

A Guarantee with every Bottle.

Trade 20/- doz.
Plus Tax ONE THIRD
Retail 3/4 P.A.T.A.

★ *Ask for Showcard*

Distributors to the Chemists' Trade—

THOS. CHRISTY & CO. LTD.
FARNHAM, SURREY.

Sole Manufacturers and Proprietors—

ILEX SUPPLY CO., LTD. 252b GRAY'S INN ROAD, W.C.1

WE don't want to remind you of the weather—but may we remind you to check your stocks now and ensure they are adequate to meet the demand of the coming winter

WE *are at* **YOUR** *Service*

N. & M. GOULD LTD.

Wholesale Chemists' and Druggists' Sundriesmen

62, 64, 66 STONEY LANE
LONDON, E.C.3
BISHOPSGATE 7734, 5355

P.A.T.A.

PROPAX

DOUBLE POWER
TABLETS

Really Stop Pain

A double power analgesic in ever increasing demand. Prompt delivery from all wholesalers or direct from

SPLENDOR LTD.

4d, 7½d, 1/7 and 2/9 Incl. P. Tax.

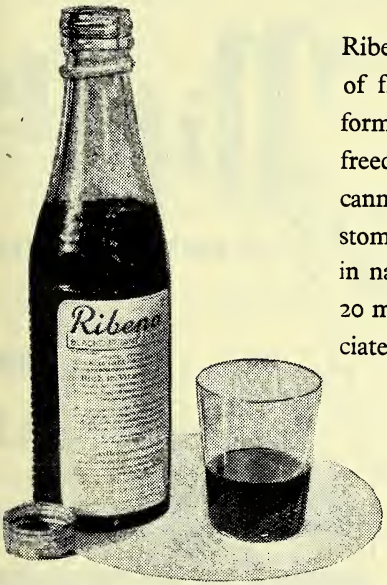
LONDON and NOTTINGHAM

P.A.T.A.

"Ribena" still a priority

By Ministry of Food order, re-confirmed recently, Ribena Blackcurrant Syrup still remains a priority for babies, children, nursing and expectant mothers, and for special classes on prescription. With the continued conscientious distribution by the Chemists there should now be enough Ribena to meet the needs of all these special classes.

The manufacturing, wholesale and retail price structure has also been approved by the Ministry.



Ribena is the pure undiluted juice of fresh ripe blackcurrants in the form of a delicious syrup. Being freed from all cellular material, it cannot upset the most delicate stomach. It is particularly rich in natural vitamin C (not less than 20 mgm. per fluid ounce) and associated factors.

H. W. CARTER & Co. Ltd.
THE OLD REFINERY
BRISTOL 2.

MENTHOL TURIOPIN OIL

INHALATION THERAPY

3 MAIN INDICATIONS FOR ITS USE

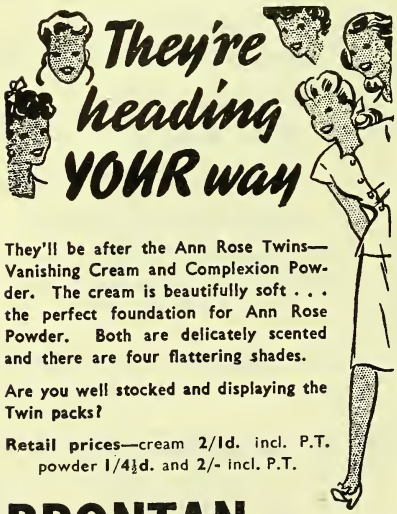
BRONCHITIS	Alleviates irritating coughs and by liquifying phlegm facilitates and lessens expectoration.
CONGESTIVE CATARRHS	Relieves catarrhs at the seat of the trouble; contracts the capillary blood-vessels checking discharge.
HAY FEVER	Rapid relief is obtained, sneezing arrested and pain and fullness of the head quickly reduced.

NOTE: MENTHOL TURIOPIN OIL furnishes an excellent supplementary treatment to the RIDDOBRON Therapy for Asthma and Allied complaints.

RIDDELL PRODUCTS LIMITED

AXTELL HOUSE · WARWICK STREET · LONDON · W.1

Telephone: GERrard 3754



They'll be after the Ann Rose Twins—Vanishing Cream and Complexion Powder. The cream is beautifully soft . . . the perfect foundation for Ann Rose Powder. Both are delicately scented and there are four flattering shades.

Are you well stocked and displaying the Twin packs?

Retail prices—cream 2/1d. incl. P.T. powder 1/4½d. and 2/- incl. P.T.

BRONTAN (Regd.), Ltd.,

1 BROAD STREET BUILDINGS, LIVERPOOL STREET, LONDON, E.C.2

Phone: BIShopsgate 6383

FENOLIN P.A.T.A **FLUID**

for WHOOPING COUGH

for use with ELDON VAPORISERS

HALL FORSTER & CO. LTD.

NEWCASTLE UPON TYNE

New Values . . .

In response to the national call for a lowering of living costs, we are pleased to announce a reduction in price of all our well-known lines, to be effective on and after May 3rd, 1948. We have always aimed to supply the finest possible product at a price which is competitive, and in making this announcement of our reduced prices, we would stress that the quality of St. Andrew Mills productions remains as high as ever. Amended price lists showing purchase tax and profit margins will be sent willingly on request.

St. Andrew Mills reduce prices

ANDREX 1/0½D. PER ROLL	ANDROL 1/1½D. PER ROLL	STANEX 1/- PER ROLL
MARVO 9½D. PER ROLL	SAMARITAN 8D. PER ROLL	ANDREX PAPER KITCHEN TOWELS 1/9D. PER ROLL

★ *All above prices are retail and include purchase tax.*

WHOLESALE ONLY

ST. ANDREW MILLS LTD.

WALTHAMSTOW, E.17 *Tel : Larkswood* 1014·5·6

We regret that demands still exceed available supplies

FIRST TIME IN BRITAIN

Lantigen

SERIES OF

DISSOLVED ORAL VACCINES

now available here after 12 years' successful experience in Australia.

LANTIGEN 'A' For the prophylaxis and treatment of the **COMMON COLD.**

LANTIGEN 'B' For the treatment of **CATARRH** and **BRONCHITIS.**

LANTIGEN 'C' For the treatment of **RHEUMATISM** of germ-born origin.

LANTIGEN 'D' For the prophylaxis and treatment of staphylococcal **SKIN INFECTIONS.**

LANTIGEN 'E' For the prophylaxis and treatment of **HAY FEVER** and **ASTHMA.**

LANTIGEN 'F' For the prophylaxis and treatment of **WHOOPING COUGH.**

J. C. GAMBLES & CO., LTD.
209-215 Blackfriars Road, London, S.E.1

Sole Distributors in the U.K. for

LANTIGEN (ENGLAND) LTD.,
Bagshot, Surrey.

Sleek gives quick turnover. Display counter with attractive showcards. Valua sales hints in the Sleek Manual. Send for cop

1"x5 yard spools . . . Retail 2/- each
2"x5 yard spools . . . Retail 3/6 each

'Sleek' TRADE MARK **PLASTIC ADHESIV STRAPPING**

Herts Pharmaceuticals Ltd., Welwyn Gdn. City, Hert
Telephone: Wel. Garden 337 S

AN ALL COTTON WOOL PRODUCT OF REPUT

Consoluxe (Registered) Patent No. 41070

SUPERFINE QUALITY
ALL WOOL SANITARY TOWEL

LOOPED ENDS
NON-ABSORBENT BACK

WHOLESALE ONLY

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: GREAT MOOR 3006 *Grams:* "UNDISPUTED," STOCKPORT

Firm favourites!

with every member of the family . . . .

CUTICURA PREPARATIONS

(MEDICINAL AND TOILET)

SOAP · OINTMENT

TALCUM POWDER · SHAVING STICK

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range:

HAND CREAM · BABY OIL

SHAVING CREAM · LIQUID ANTISEPTIC

AFTER-SHAVE LOTION

British Distributors: NEWBERY & PHILLIPS LTD.
203, Victoria House, Southampton Row, London, W.C.1
TELEPHONE: HOLBORN 1564

for

THE POTTER DRUG & CHEMICAL CORPORATION
205-207, Victoria House, London, W.C.1

Here's what to sell for Christmas

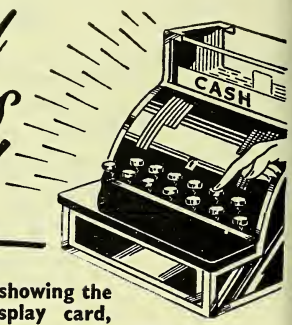
Baby Lotion ☆ Baby Powder ☆ Baby Cream ☆

When there's a baby in the home presents come pouring in. People wonder what they can give that's new, different and useful. Johnson's Baby Gift Box—so gay, so wonderfully fresh in its transparent wrapper—makes an instant appeal. When eagerly opened it contains a beautiful presentation card *and* the three essential Johnson products for baby skin care—Baby Lotion, Baby Powder and Baby Cream. So give the Gift Box a big display—it's a good opportunity to build three-in-one sales. Send your order as soon as you can direct to Johnson and Johnson because supplies will be limited and demand will be lively.

Johnson's Baby Gift Box *Retail Price 8/6 inc. tax (usual trade terms)*

JOHNSON & JOHNSON (GT. BRITAIN) LTD., SLOUGH & GARGRAVE

The Brand that rings the bell!



Keep your cash register busy by showing the attractive "Autumn Sun" display card, linking up with "Autumn Sun" national advertising. These, plus "Edme" quality and "that butterscotch flavour," ring a bell with the public.

NATIONALLY ADVERTISED
Advertising in national Press will appear throughout the Season. FREE—handsome Jar-holder display showcard in full colour creates sales.

EDME
Autumn Sun
MALT AND OIL

Manufactured from finest ingredient obtainable. *Full particulars from :*

EDME LIMITED · IMPERIAL HOUSE, REGENT ST., LONDON W.1.
TELEPHONE REGENT 5563-4

TYE *a knot . . . remember*

Now is the time to order

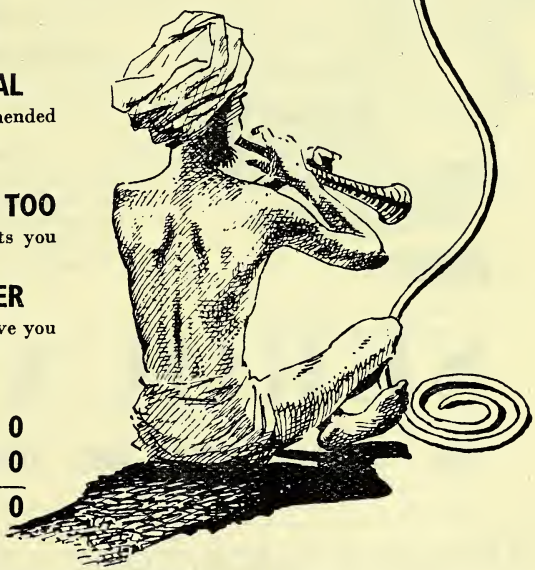
TYEVITE

VITAMIN CAPSULES

- EACH CAPSULE CONTAINS
  HALIBUT LIVER OIL M.3
  (Vit. A 4500 i.u., Vit. D 600 i.u.)

+ PLUS +

Vitamin B1 (Aneurin hydrochloride)	...	0.3 Mg.
Vitamin B2 (Riboflavin)	...	0·5 Mg.
Vitamin C (Ascorbic Acid)	...	15·0 Mg.
Vitamin E (Tocopheryl acetate) ...	...	0.15 Mg.
Calcii Phos.	...	20.0 Mg.
Ferri Phos.	...	100.0 Mg.



TYEVITE IS ECONOMICAL

One capsule a day is the recommended prophylactic dose.

A 5/- Tin contains 25 days supply

TYEVITE IS PROFITABLE TOO

One Display carton of 12 Tins costs you 0/- BUT

FOR CASH WITH ORDER

We allow you 2½% discount and give you

A BONUS TIN

n every dozen

Nett Outlay	**£1 . 19 . 0**
13 Tins sell for	**3 . 5 . 0**
PROFIT	**£1 . 6 . 0**

One of the range of TYE BRAND products made by John Tye and Son Ltd., London, N.7

Manufacturing Chemists and Capsule Makers for over a Century

Winter Wisdom...

The 'Cold' Season calls for increased stocks of Serocalcin . . . . . .

P.A.T.A.

Wise chemists are maintaining a careful watch on their Serocalcin stocks. The demand is constantly increasing both for prophylaxis and treatment. Please order whilst supplies are plentiful and delivery can be effected quickly.

★ **Pharmacists are reminded that the sole selling agents for Serocalcin in the United Kingdom are J. C. Eno Ltd., Watford, Herts., (Watford 7761), to whom all orders and enquiries should be sent.**

SEROCALCIN

FOR THE PREVENTION AND TREATMENT OF COLDS

HARWOODS LABORATORIES LTD WATFORD HERTS

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London W.C.2. 87/3

The CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX STREET, LONDON, W.C.2.

is Supplement is In-
ted in every copy of
e Chemist & Druggist

NOVEMBER 6
1948

ORRIDGE & CO. (Estd. 1846)

. **North Devon.** Turnover exceeds £5,000 un-
r management. Old-established pharmacy for
mediate disposal, small living accommodation
ailable with possibility of further rooms in near
ture. Good reason for selling. Reasonable rent.
ice £3,000 plus stock.

. **South Africa.** We have several substantial
sinesses for sale in the Union and details may
had upon request to London or to our South
rican Agent, Mr. R. W Armstrong, P.O.
ox 286, Pietermaritzburg, Natal.

. **Kent Drug Store, scope for Pharmacist.** Turn-
er for current year at the rate of £50 per
eek. Rent £3 per week, sublet £1 2s. 3d. per
eek. Definite possibility of living accommoda-
on either over business or near. Price required
1,250 plus stock.

. **Northern Ireland.** Wholesale and retail busi-
ss for disposal. Net profit at least £5,000 per
num. Handsomely fitted main road pharmacy.
ong lease. Price required for goodwill about
12,000 plus stock and fixtures at valuation. In all about £20,000. Controlling interest only could be purchased.

5. **South London.** Drug store with freehold property for disposal. Scope for dispensing. Very nice living accommodation. Premises £2,500, goodwill £600. Stock and fixtures at valuation.

6. **Scotland.** Very substantial wholesale business for disposal. Total purchase price about £125,000. Banker's reference required with application for details.

7. **Forest Gate, Near.** Main road Drug store with perfumery. Turnover this year about £8,000 with net profit approximately £1,600. Small living accommodation. Freehold premises may be bought or leased at £5 per week exclusive of rates. Price required for business £2,500 plus the stock at valuation. Stock to be taken over about £2,500.

8. **Cumberland.** Wholesale manufacturing business for disposal. Turnover averages £100 per week. Scope for increase with additional capital. Stock and fixtures worth nearly £2,000. Total purchase price required about £2,500.

184 STRAND • LONDON • W.C.2

Telephone: TEMPLE BAR 9212/3—6340 **Telegrams: Orridgchem Estrand, London**

Branch Offices: **36 Cannon St., Birmingham, 2.** **Phone: Midland 6547**
77 High St., Shirley, Southampton. **Phone: Southampton 71708**

***For* SALES, PURCHASES, VALUATIONS, STOCKTAKING *and* ASSESSMENTS**

BUSINESSES FOR DISPOSAL

ords 8/6 (minimum) then 3d. per word. Box 2/-

SALE as a going concern the old-established
ist's and drysalter's business carried on under
firm name of David Kennedy at 37 High St.,
ick, Roxburghshire, together with the freehold
able property comprising shop, warehouses and
dwelling houses. Assessed rental £134. For
er particulars apply Thomas Purdom & Sons,
itors, Hawick, with whom offers should be
d.

ERN VILLAGE Drug Stores, nr. Leominster
opshire). Takings, 1945, £1,500; 1946, £1,800;
£2,700, and increasing. Good reasons for
g. Suitable for pharmacist. Nearest opposi-
9 miles. Accommodation: 2 bedrooms, lounge,
enette, large attic, bathroom. All electric.
water supply. Rent, £65 p.a., lease with
n. Price (including shooting brake, 1942 Hill-
10, used for deliveries), £3,500. Box 4/966.

OLESALE AND RETAIL. Surgical appliance
facturing business situated in the Midlands.
ablished 70 years.) Freehold factory including
, machinery, etc.; also freehold sales shop in
thoroughfare City centre. Multiple stores
d benefit by great scope for expansion. Fur-
particulars, apply Box 4/971.

NORTH-EAST COAST Drug stores. Lock-up shop, warehouse attached. Opportunity for re-opening dispensing. Suit young qualified man. Good-class residential trade. Nicely fitted shop. Photographic agencies. Reasonable figure for immediate sale. Box 5/14.

Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagements Order, 1947

SITUATIONS OPEN

36 words 8/6 (minimum) then 3d. per word. Box 2/-

RETAIL (HOME)

BASINGSTOKE. Unqualified dispensing female assistant required. Good salary and excellent prospects. Full particulars to Timothy Whites & Taylors, 70 Vauxhall Bridge Rd., London, S.W.1.

DERBY CO-OPERATIVE Provident Society, Ltd., have vacancy for a young qualified assistant (lady or gentleman). Duties mainly dispensing. Well equipped, separate premises; other dispensing staff employed. Any rota services shared. A congenial, attractive position is offered to suitable applicant. Apply by letter, giving full particulars to Secretary, Albion St.

Situations Open—Continued

BOOTS THE CHEMISTS have vacancies in a number of districts for qualified assistants, male and female. Salary (male) Central London £8 15s. and £10 5s. Metropolitan District £8 7s. 6d. to £9 17s. 6d. Provinces £8 to £9 10s. (Female) Central London £8 5s. to £9 15s. Metropolitan District £7 17s. 6d. to £9 7s. 6d. Provinces £7 10s. to £9 according to age. Engagements are on a permanent basis with good prospects and eligibility for pension, life assurances, etc. There are also a number of vacancies for unqualified assistants fully trained in the business and including those dispensers who have been released by doctors, etc. Good remuneration with a view to permanency, pension scheme, etc. A bonus is paid to all staff engaged in dispensing. Applications should be made to Retail Staff Department, Station St., Nottingham, stating age, experience and districts preferred.

CHELMSFORD. Experienced manager required for good-class pharmacy in Chelmsford. Excellent prospects. Permanent appointment to capable man. Possibility of flat in the near future. Apply Box 4/963.

CHELSEA. Manager required for small pharmacy in Chelsea, preferably with experience of this area. Salary to commence £550 per annum and commission. Permanent congenial post. Apply Box 4/961.

CLAPHAM JUNCTION. Flat available and good prospects to energetic pharmacist willing to take over a branch management and develop dispensing connection Salary £520 per annum and commission. Excellent position near Clapham Junction. Apply Box 4/962.

FOLKESTONE. Hall & King, Ltd., require the services of an experienced qualified assistant. Apply in first instance to 36 Grosvenor Gdns., London, N.14. Phone Lab 2566.

GOOD OPENING for pharmacist to manage new dispensing department of established business. Edgware district. Salary £10 per week. Apply in confidence. Box 5/34.

GREAT GRIMSBY CO-OPERATIVE SOCIETY, LTD., require pharmacist branch manager, male or female, for pleasant modern pharmacy in Cleethorpes. Living accommodation available. Salary according to revised Agreement. Applications, stating age, experience and qualifications, to Managing Secretary, 74 Garibaldi St., Grimsby.

LADY PHARMACIST, qualified, young or middle-aged, required as assistant (sometimes in charge) in country pharmacy in Sussex. Light work, pleasant surroundings, no duties. Apply Box 4/872.

LONDON, E.2, near City. Qualified assistant for dispensing and counter. Good accommodation, if required, available away from business. Give full particulars of experience, age, names of references, salary expected. Apply (letter only), Pharmacist, 35 Sydner Rd., London, N.16.

LONDON. Qualified pharmacist as manager, M.P.S. Lady or gentleman. Good-class business. Good salary plus percentage on turnover. Permanency. Write Box 5/44.

MAIDA VALE. Experienced manager required for good-class branch in the Maida Vale district. Salary, £11 per week and commission. Excellent prospects, Permanent appointment to capable man. Apply Box 4/960.

MANAGER REQUIRED for new and modern pharmacy at Upminster. £750 p.a. offered to really keen man. Must be qualified. Apply Ashton's, 4 Cameron Rd., Seven Kings.

MANCHESTER, NEAR. Qualified assistant, either sex, for busy dispensing business. State salary and full particulars, to Box 4/939.

MANCHESTER POSTAL DISTRICT. Experien unqualified dispenser required for pharmacy v heavy dispensing, either sex. Full particulars Box 4/940.

OPPORTUNITY FOR PHARMACIST to join sr limited company North Wales seaside res Directorship offered with managerial position. commodation can be arranged. Full particul experience, salary required and capital availa to J. H. Hibbert, F.C.R.A., Lloyds Bldgs., L dudno.

OPTICIAN (or pharmacist-optician) very urge required for old-established busy optical prac in North country market town. On C.P.C. and preferably F.S.M.C. or F.B.O.A. Perma position. State experience and earliest date a able. Good salary offered. Gibson & Son, Ch ists and Opticians, Hexham, Northumberland.

ORRIDGE & CO., Employment Agency, 184 Str W.C.2. Temple Bar 9212/3. Branches at So ampton and Birmingham. Enquiries invited f all employers seeking staff. Many pharmacists unqualified assistants available for retail and wh sale. Representatives also requiring situati Reasonable terms. Write to 184 Strand, W.C for particulars.

PHARMACIST to take charge West London bra Good salary and prospects for suitable applic Small flat available. Apply Box 4/948.

QUALIFIED AND UNQUALIFIED assistants requ for busy counter and dispensing business in Cen London. Good wages and prospects to keen e getic workers. Apply, The Secretary, Term 7142

QUALIFIED BRANCH MANAGER required. per week and commission on dispensing (minim £1). Accommodation available. Superannua scheme in operation. Apply Kidderminster operative Chemists, Ltd., Oxford St., Kid minster.

QUALIFIED DISPENSER required, either sex. H 9 a.m. to 6 p.m. No half-day or Sunday du except on rota week. West Riding Yorkshire, N.H.S. Box 5/29.

QUALIFIED DISPENSER required, either sex. H class pharmacy, Birmingham. Good hours, Sa days 12.30. Excellent prospects. Box 5/35.

SEVERAL UNQUALIFIED GENTLEMEN, experien in dispensing, are required by a well-known Lon firm, especially in the Ilford and Walthams areas. There is a salary ranging from £325 £375 per annum, according to experience. Ap cations in first instance to Managing Direc Box 4/996.

STOCKPORT I. & E. CO-OPERATIVE Society requires the services of a pharmacist branch m ager (either sex). Good wages and conditi superannuation scheme. Permanent, progres position. Applications, stating age, experience, salary required, to The Secretary, 27-39 Ches gate, Stockport.

THE MANAGERSHIP of a large, old-establis pharmacy at Streatham, S.W. will soon be vac Applications are invited from experienced phar cists used to complete control. Salary, commiss and interest if desired. An unusually good appo ment for the right man. Write for appointm stating age and experience. No accommodati Box 5/46.

UNQUALIFIED LADY OR GENTLEMAN requi mainly for dispensing. No Sunday duty. Pl give details of experience and salary required, G. F. Bevis, Ltd., The Eastgate Pharma Chichester, W. Sussex.

Situations Open—Continued

ROYAL ARSENAL Co-operative Chemists, has vacancies in South-east and South-west cts of London for qualified pharmacy mana- Salary, based on sales, ranging from £550 650 per annum, plus commission on health ance dispensing. Permanent progressive posi- Superannuation scheme in operation. Appli- n, stating age, experience, whether married ngle, to the Staff Manager, 113, Powis St., wich, S.E.18.

UALIFIED ASSISTANT required for busy West pharmacy. Smart appearance and keenness essen- Knowledge of surgical appliances, etc., help- High salary. Staff profit-sharing scheme and on scheme available. Staff roster system s convenient hours. No Sundays. Apply in ng, with full details, or phone for appointment, eorges (Chemists), Ltd., 21 Irving St., Lon- W.C.2. Whitehall 3774.

UALIFIED ASSISTANT, male, required imme- y, duties mainly dispensing, for busy phar- . Full particulars to Manager, A. & N. Catto, 388 High St. North, Manor Park, E.12.

UALIFIED LADY ASSISTANT with dispensing rience required. Good salary, good prospects. culars to J. Chazan, Chemist and Optician, bode St., Ellesmere Port, Cheshire.

HAVE THREE important positions vacant in the l, North-West London and Hounslow areas chemist-opticians on the C.P.C. List. The es to be paid would be between £650 and per annum with considerable prospects of enting this figure. Security of tenure would uaranteed. Applications in first instance to aging Director, when an appointment will be ged to discuss matters mutually advantageous th parties. Box 4/969.

NG LADY, unqualified, for chemist's counter. Saturday half-day. Apply Box 4/919.

LOCUMS WANTED

DERLAND. Locum required as soon as pos- for busy private business. Duty mainly S. dispensing. Engagement to last over Xmas possibility of permanency. Part-time arrange- considered. Write, giving full details and y required. Box 5/28.

RETAIL (OVERSEAS)

GAPORE. Applications invited for single men, macists or unqualified, for vacancies on staff ading wholesale and retail chemists. Salary, ances and terms of appointment are on cous lines and excellent opportunities exist for notion. Write Brown, 3 Scotch Common, Lon- W.13.

TH AFRICA. Unqualified assistant, single, , aged between 30 and 45 years, required for nsing and counter work in a Port Elizabeth macy. Normal business hours. Salary £35, £40 monthly. Three-year agreement, passage paid. Applications with full details of ex- nce and recent photograph, to Box 5/12.

WHOLESALE

EN & HANBURYS, LTD., Ware, Hertfordshire, ire young pharmacists aged 23-28 as technical ants on production work. Apply in writing ersonnel Manager.

ESTABLISHED FIRM of wholesale manufactur- chemists require a representative for the Mid- territory. Qualified man preferred, but not ntial. Box 5/20.

OLD-ESTABLISHED London House require a g qualified assistant chemist capable of con- ing routine analysis of products, and super- n of poison. Write, giving full particulars of experience and salary required. Box 5/8.

The Institute of Chemists-Opticians,
2 Clements Inn, Strand, W.C.2

For Syllabuses of the Institute's Examinations and all further information, write to the Hon. Secretary, J. Ross-Mansell, Ph.D., B.Sc.

AN INTERESTING and progressive position in Northern Ireland is vacant on representative staff of manufacturing chemists of high repute. The man appointed will have had a thorough experience of retail pharmacy, preferably in Northern Ireland, and will be required to call upon doctors and dentists in addition to chemists. Remuneration is by salary and expenses. Write fully, giving full particulars of experience, age, and whether a car owner. Box 4/959.

APPLICATIONS ARE INVITED from qualified pharmacists for appointment to the staff of Messrs. Trufood Ltd., as medical representatives in the following areas: North-Eastern Counties, South-Western Counties. Candidates, preferably resident in these areas, should be under 35 years of age and have the personality and ability to conduct propaganda in the medical and allied professions. Previous experience is not essential as initial training is provided. The appointments offered are permanent salaried positions with the advantage of a generous superannuation scheme. A car is provided. Apply in the first instance by letter, giving full details of age, experience and salary expected, to Sales Director, Trufood, Ltd., Bebington, Wirral, Cheshire.

ASSISTANT ANALYST with experience of analysis of fine chemicals and drugs including alkaloidal assays. C. & D. qualification desirable. Write, with details of experience and salary required, to Box 3857, c/o White's, Ltd., 72-78 Fleet St., London, E.C.4.

ASSISTANT for drys department, wholesale house in Birmingham. Permanency. Short hours and good prospects. Box 340, Fredk. E. Potter, Ltd., Aldwych House, Aldwych, London, W.C.2.

ASSISTANT with some pharmaceutical experience required for pill department of manufacturing chemists in London area. Apply, with full particulars and salary required. Box 5/10.

ASSISTANT SUPERVISOR, packing department. Able-bodied man required for works near Wembley, with experience of chemical order assembly, packing home and export and control of men and women. Progressive permanent position for suitable man. Full particulars, age, experience and wages required, to Box 4/976.

BOOTS PURE DRUG CO., LTD., have vacancies in their medical department for pharmacists and chemists with literary ability to assist in the preparation of literature and information on the latest medical and pharmaceutical products. Applications should be made to the Personnel Manager, Station St., Nottingham

IMPERIAL CHEMICAL INDUSTRIES, LTD., have a vacancy for a pharmacist with literary ability and experience in the compilation of literature and the provision of information relating to medical and veterinary pharmaceutical products. Applications, with full particulars, should be addressed to Imperial Chemical (Pharmaceuticals), Ltd., Fulshaw Hall, Wilmslow, Manchester. This post is excepted from the provisions of the Control of Engagement Order, 1947.

LADY PHARMACIST (recently qualified C. & D.) required by old-established firm of manufacturing chemists on the South Coast. Duties will consist mainly of routine assay and analytical control work. Previous experience not essential. Commencing salary in the region of £350-£400 p.a. Reply, giving full particulars, to Box 4/893.

BRADFORD EDUCATION COMMITTEE TECHNICAL COLLEGE, BRADFORD

Applications are invited for appointment as ASSISTANT LECTURER IN PHARMACEUTICAL CHEMISTRY in the College.

The salary according to the Burnham Scale, including allowances, may range from £300 to £660 per annum. Commencing salary according to qualifications and experience. The commencing salary may, subject to approval, be increased up to a maximum of twelve increments of £15 per annum in respect of approved service in the industry.

Further particulars of the appointment and forms of application may be obtained from the Director of Education, Town Hall, Bradford, and completed forms should be returned to the Principal of the College within two weeks of the publication of this advertisement.

A. SPALDING,
Director of Education.

CROWN AGENTS FOR THE COLONIES

Applications from qualified candidates are invited for the following post:—

SUPERINTENDING PHARMACEUTICAL CHEMIST required by Government of Federation of Malay for Medical Department, for initial tour of three years with prospect of permanency. Salary and expatriation Pay between $490 and $1,065 a month. Malayan dollar=2/4d.) Commencing salary according to age and war service. Cost of living allowance between $150 and $375 a month, according to dependants. Free passages. Candidates, not over 35, and preferably single, must have the Pharmaceutical Chemist Diploma of the Pharmaceutical Society in addition to that of Membership of the Society, with, after registration, at least one year's experience in teaching, hospital work, or manufacturing pharmacy. B.Sc. (Pharm.) or B.Pharm degree of a British University is desirable but not essential. Duties may include teaching in the Department of Pharmacy, College of Medicine, Singapore, assisting in the administration of the Government Medical Store and in the administration of the laws controlling the practice of Pharmacy, inspection of Government hospitals and dispensaries and of commercial pharmacies, and the manufacture and analytical control of drugs and chemicals used in the Medical Department. Apply at once by letter, stating age, whether married of single, and full particulars of qualifications and experience, and mentioning this paper, to the Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/18288/3F on both letter and envelope.

THE QUEEN ELIZABETH HOSPITAL FOR CHILDREN MANAGEMENT COMMITTEE

HACKNEY ROAD, LONDON, E.2

Applications are invited for the post of CHIEF PHARMACIST. Membership of the Pharmaceutical Society and considerable Hospital experience essential. The Officer appointed will be employed mainly at Hackney Road, but will also supervise the Pharmaceutical work at the Shadwell and Banstead branches of the Group. Salary will be based on J.N.C. scale £600 x £20—£700, and will be subject to Superannuation deductions. Lunch and tea will be provided, for which a deduction of £20 per annum will be made. Applications, stating age and enclosing copy of testimonials, should be sent to the Secretary at Hackney Road, within 7 days of the appearance of this advertisement.

EXETER AND MID-DEVON HOSPITAL MANAGEMENT COMMITTEE

ROYAL DEVON AND EXETER HOSPITAL, EXETER, require two assistant Pharmacists (male or female). Salary according to J.N.C. (Hospital Staffs) Scale. Hospital experience preferred but not essential. The posts are subject to the National Health Service (Superannuation) Regulations. Applications, with full particulars, and copies of not more than three testimonials, as soon as possible to the Secretary.

NATIONAL HEALTH SERVICE JOINT PRICING COMMITTEE FOR ENGLAND

Applications are invited for the position of Superintendent (Pharmacist preferred) of the Lancashire No. 2 Prescription Pricing Bureau, 42 West Cliff, Preston.

Applicants, who should be not more than 50 years of age, should have outstanding office and administrative ability, and be accustomed to the control of staffs.

The annual salary scale will be £595-£660 for a Pharmacist and £550-£610 for a non-Pharmacist, and the person appointed will be required to contribute to the National Health Service Superannuation Scheme.

Applications, stating age, qualifications and experience, together with the names of two referees, should reach the undersigned, not later than November 13th, 1948.

W. GILL HODGSON,
Chairman.
36 Princes Road,
Liverpool, 8.

THE UNITED LEEDS HOSPITALS THE GENERAL INFIRMARY AT LEEDS

Applications are invited for the appointment of ASSISTANT PHARMACIST (two required). Salary commencing at £350 p.a., plus meals, which will be provided when on duty, but subject to adjustment in the light of scales to be made known by the Minister of Health. National Health Superannuation scheme in force. Night and week-end duty will be worked in rotation. Previous hospital experience not essential. Applicants must reply in own handwriting, stating sex, age, and experience, and also enclose copies of not more than three recent testimonials, to the Secretary to the Board, not later than 18th November, 1948.

MANSFIELD HOSPITAL MANAGEMENT COMMITTEE

Applications are invited for the post of Non-Resident ASSISTANT PHARMACIST for duties at the Mansfield and District General Hospital (246 beds), and other Hospitals and Units in the Group as required.

Salary Scale £370 per annum with annual increments of £15 to a maximum of £450 per annum.

Commencing salary within the Scale according to experience. Newly qualified pharmacist will be considered.

The post is subject to the National Health Service (Superannuation) Regulations, 1947.

Applications, stating age, details of experience, together with two recent testimonials, to be forwarded to the undersigned as soon as possible.

A. ASHWORTH,
Secretary,
Mansfield Hospital Management Committee.
Oak Bank,
Crow Hill Drive,
Mansfield, Notts.

AGENCIES

ords 17/6 (minimum) then 4d. per word. Box 2/-

NTS WANTED, calling on manufacturers of icals, cosmetics, foodstuffs, disinfectants, pol- etc., to sell for prompt delivery 50,000 new bottles and jars in sizes from 1 dram gallons, with metal or plastic screw caps; strong wooden and plywood cases suitable or export packing; 50,000 corrugated and board cartons; 20,000 gross lever lid, slip lid screw neck tins from ½ oz. to 5 gallons capa- 200,000 sheets waterproof and brown wrap- paper. Regular supplies. Large earnings for man. Commission only. Send details experi- territory, age, other lines carried, to Box

MISSION AGENTS required by well-known per- and toilet preparations manufacturers for lished lines: Terrritories: (a) Yorkshire, umberland, Durham; (b) Warwickshire, ster, Midlands; (c) Eastern Counties; (d) South ; (e) Northern Ireland. Agents with good class connections should send full particulars x 4/979.

UFACTURERS' Agents' Association (C. & D.). eam's Bldgs., E.C.4, supplies free lists of s to manufacturers seeking representation in mportant centres. Membership available to lished agents.

UFACTURERS of well-known, nationally-ad- sed C.F. line are open to appoint an experi- l agent for the Midlands. Please state full culars in first instance. Box 5/18.

TON WELLS, of 2 Fountain St., Bradford, d like to get in touch with a wholesaler or buting agent who could handle the distribu- of an eye treatment, proved over twenty-five to be a sound remedy for eye troubles.

AGENCIES WANTED

ords 8/6 (minimum) then 3d. per word. Box 2/-

THERN COUNTIES. Established representative ng upon wholesale and retail chemists, stores, ps., requires additional quality line. Would der buying agency. Own car. Conscientious rage guaranteed. Box 4/973.

BUSINESS OPPORTUNITIES

ords 17/6 (minimum) then 4d. per word. Box 2/-

ERTISER has proposition of genuine interest naller pharmaceutical firms desiring representa- but not employing own travellers. Scheme not entail distributorship. Details in confi- e, from Box 5/32.

ERTISER seeks propositions for newly designed ulating machine; will granulate oily or ad- e material. C/o Hunts, 412 Buxton Rd., Gt. r, Stockport

NCH PERFUMERY. House of highest class, blished in the U.K. for over 30 years, wishes ontact English manufacturers of similar articles a view to manufacture in England; take over extend sales. Sales organisation and export to sh Colonies. Box 4/967.

NUFACTURING CHEMISTS have facilities and e available for the manufacture and/or pack- of domestic, industrial or toilet products. Bot- powder and tube filling. Frank Macowal, Ltd., oughborough St., S.E.11. Reliance 3435.

—IMPORTANT—

Box Office numbers are intended exclusively for specific answers to particular advertisements and Price Lists, Trade Circulars, Samples and Printed Matter cannot be forwarded.

OPHTHALMIC OPTICIAN desires to meet pharmacist with available room for use for sight testing and dispensing. Consideration: rent or profit sharing basis. N. or E. London preferred. Box 4/968.

MANUFACTURING PHARMACEUTICAL CHEMISTS

Manufacturing pharmaceutical chemists, London, including ethical medical lines, ampoule-filling, tablet-making, etc., desire working arrangement with similar concern with view to effecting economies in production and distribution costs. Modern plant recently expanded. Apply in first instance in strictest confidence to Box 5/15.

NATION-WIDE sales organisation with remarkable record of successful merchandising is open to consider one or two lines. Only branded lines offering possibilities of big permanent business are of interest. Box S.551, c/o Erwoods, Ltd., 211 Piccadilly, London, W.1.

FOR SALE

36 words 8/6 (minimum) then 3d. per word. Box 2/-

MAHOGANY SHOP FITTINGS for shop and dispensary 13 ft. x 25 ft. Excellent condition. Christian, Goldsmith St., Nottingham.

MANESTY GRANULATING MIXER. One new and unused, stainless steel, 3 phase A.C. motor. Can be seen Manchester. What offers? Box 5/48.

MANESTY F.2 tablet machine, brand new, complete with electric motor, for tablets up to ¾" diameter. Available shortly. Enquiries invited to Box 5/33

TABLET MACHINES. Three Wilkinson 20 punch rotaries, one Wilkinson single punch B.B. geared machine, secondhand but all in perfect condition, for disposal owing to closing of tablet department. Inspection and offers invited. The Wallis Laboratory, Ltd., 58 King George's Ave., Watford. Telephone Watford 2812 for appointment.

WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

CLINICAL THERMOMETERS required for export. ½-min. lens (mag.) Centigrade; about 100 dozen. Offers to Paragon Drug Co., Ltd., 19 Eastcheap, E.C.3.

STEARIC ACID, triple pressed, required in large quantities. Box 4/2.

TRIPLE PRESSED STEARIC ACID required in small or large quantities. Particulars and prices to Box 4/970.

STOCKTAKING FOR INCOME TAX OR SALE VALUATIONS

In addition to the normal chemist's stocktaking, I specialise in the valuation of—

Photographic Stocks & Equipment
Optical Stocks & Equipment
Fixtures & Fittings

and all items relating to Wholesale or Retail Chemist's Businesses.

DETAILED INVENTORIES SUPPLIED IF REQUIRED

Chemist's own Stock sheets Priced.

Results Available SEVEN DAYS after Valuation

Scale terms based on net cost of stock exclusive of the purchase tax figure for which there is NO charge

M. H. BARNES (Licensed Appraiser)
4 CHARLWOOD ST., VICTORIA, S.W.1
Telephone : VICTORIA 5686

MISCELLANEOUS SALES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

AT ATTRACTIVE PRICES, for disposal. 28 cwt. skin glue in cakes; 16 cwt. ground skin glue; 12 cwt. bone glue in cakes; 8 cwt. technical gelatine; 3 cwt. edible fine leaf gelatine in 1 lb. packets. Box 5/43.

CLEARANCE LINE. 30 gross 1½-oz. bottles with bakelite caps. 20 gross 1-oz. opal jars with pink unishell caps. 40 gross 2-oz. clear jars with bakelite caps. 500 only fancy oval jars with bakelite caps. 1-oz. clear squat jars, about 75 gross altogether, some with metal caps, but the majority without. Complete quantity, £60, or offer. Box 5/17.

FOR SALE. 6 cwt. Hæmoglobin powder. Bargain price 2/- per lb. Perfect condition. Not now required line discontinued. 4/906.

HOT WATER BOTTLES (Export surplus) in three-dozen cartons at reduced prices. Write for samples and particulars. E. L. Grima, Wholesale and Export, Trig Wharf, 29-31 Upper Thames St., London, E.C.4. Telephone Central 2279. Cables Elgrim, London.

JUST THE THING for the Xmas trade. Regent wire hairbrushes. Retails 5s. 6d. one dozen upwards. Carriage paid £2 8s. 0d. per dozen. Showcard supplied. Also available to wholesalers. Send your order now. Williams, 83 London Rd., Glasgow.

MISC. SALES surplus chemicals: Aniline Salt, 700 lb., Aniline Oil, 2 cwt., Butyric Acid, 700 lb., Caproic Acid, 400 lb., Chromic Acid, 7 cwt., Seleneum Dioxide, 1 cwt., Sodium Bichromate, 1 ton, Sodium Persulphate, 1 cwt. Offers Box 5/19.

POOL TECHNICAL OIL, grade 30, 19 cwt., in 40/50 gallon drums. Reasonable offer accep Also Kodak paper, Kodura E Cream, smooth m manufactured July 1948. Three rolls 12" x 100 one roll 4" x 100 ft. Box 5/37.

REDUCED PRICE to clear surplus. 6 ex. Pancl matic films to fit 120/620. Every film guarant perfect. 18s. doz., plus carriage. Gross lots riage paid. C.O.D. post. Box 4/922.

SACCHARIN TABLETS (standard) packed in 10 Retailers 84/- per gross. 5 gross 5% disco Wholesalers 74/- per gross minimum 10 gross. goods carriage paid. Cash with order. W Box 4/811.

SACCHARIN TABLETS, 72/- per gross, packed 100s, standard 550-2 gr. Minimum 5 gross 1 packed in 1 gross. 1 gross at 74/-. Carriage p C.W.O. Box 5/24.

SULPHATHIAZOLE 0.5 gram tablets, Ameri manufacture, surplus stocks. About 800,000 a able at 23/- per 1,000 free delivered. Sub unsold. Also small parcels hydroquinone, cas sagrada. Box 5/40.

SURPLUS STOCK for disposal. 7 tons soda ses carb., 1 ton fine white fuller's earth, 2 cwt. T thanolamine, 2 ton soda chloride, 1 ton soda sul exsicc., 4½ cwt. lanoline. Offers ex London w house. Box 5/38.

VACUUM FLASK SURPLUS. Pints approx. m cases, bakelite cups and shoulders. Each flask f guaranteed. Boxed in 50's. Carriage paid. each. Kale Bros., 23 St. Kilda's Rd., Lond N.16.

YOUR ENQUIRIES are invited for our surplus st of phenacetin and aspirin tablets. Box 5/3.

SALES BY AUCTION

2/6 per line (12 lines = 1"). Box 2/-

By Order of Arthur T. Eaves, Esq., F.S.A.A., F.C.A.,
THE AUCTION ROOMS,
65 MOSLEY STREET, MANCHESTER, 2
WEDNESDAY NEXT, NOVEMBER 10th 1948, at 2 p.m.,
H. THOMPSON & SONS are favoured wit instructions to sell by auction as above a larg and varied stock of
CHEMISTS' SUNDRIES,
SHOP FIXTURES, OFFICE FURNITURE ETC.,
including cosmetics, face powders, face creams talcum powder, sun tan cream, shampoos, bril liantines, leg tan, nail lacquer, tooth-pastes ointments, shaving powder, setting lotions calamine lotion, bath salts, health salts aspirins, patent medicines, liquid soap, per fumes, razor sets and razor blades, combs manicure sets, tweezers, hair brushes, shavin brushes, razor strops, teats, valves, soothers sun glasses, sanitary towels, bathing caps balloons, spoon and pusher sets, hair dressers neck wool, Lysol and Osyl disinfectant, in secticides, etc.
On view morning of sale. Auctioneers offices: 65 Mosley Street. Liquidator: Arthu T. Eaves, Esq., F.S.A.A., F.C.A. (Messrs Harry L. Price & Co., Incorporated Account ants), 47 Mosley Street, both in Manchester. 2

PREMISES TO LET

36 words 8/6 (minimum) then 3d. per word. Box

DOCTOR OR OPTICIAN. Rooms above chemi shop to let. Receptionist and waiting-room serv available. Living accommodation might be ranged. Telephone Tideway 1903.

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.

IMPERIAL LEATHER

HAND-FINISHED

Toilet Soaps

The Imperial Leather Toilet Soap made by Cussons has a consistent record of success. The steadily expanding market for this product indicates a widespread appreciation of really fine hand-finished Toilet Soap.

Cussons Sons & Co, Ltd, 84 Brook St, Grosvenor Sq, London W.1

The
CHEMIST AND DRUGGIST
NOVEMBER 6, 1948

A MARK AND A NAME . . . .

COX

. . . . associated with
PILLS and
TABLETS

Manufactures
also include
. . . SOLVELLÆ . . .
. PHARMACEUTICALS .
PACKED SPECIALITIES
'OWN NAME' FORMULÆ

ARTHUR H.
COX
BRIGHTON · ENGLAND
& CO. LTD.